

SOURCES OF CLIMATOLOGIC, HYDROLOGIC, AND HYDRAULIC
INFORMATION IN THE ILLINOIS RIVER BASIN,
ILLINOIS, INDIANA, AND WISCONSIN

By G. W. Curtis

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UNITED STATES DEPARTMENT OF THE INTERIOR

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ABSTRACT

Information on the sources of climatologic, hydrologic, and hydraulic data for the Illinois River basin is compiled in 20 tables. The study was conducted in cooperation with the U.S. Army Corps of Engineers, Rock Island District, to provide information for their master regulation manual of the Illinois Waterway. Eighteen governmental agencies were queried and a literature search was conducted to identify the source and availability of information on precipitation, major storms, streamflow, water quality and sediment, major floods, water-surface profiles, bridges and other structures, stream geometry, aerial photography, flood damages, Illinois River access facilities, Federal lands, and dam ratings. A selected bibliography of published reports was developed.

INTRODUCTION

Climatologic, hydrologic, and hydraulic information is required by managers and planners for the management of a river system. In 1982, the U.S. Army Corps of Engineers, Rock Island District (referred to as the Rock Island District in this report), assumed the responsibility for maintaining the Illinois Waterway for navigational purposes. In this report, Illinois Waterway refers to the navigational waterway which includes all or parts of the Illinois River, Des Plaines River, Chicago Sanitary and Ship Canal, Calumet Sag Channel, Calumet River and its branches, and the Chicago River and its branches. The Rock Island District is preparing a master reservoir regulation manual for managing the waterway. In 1983, the U.S. Geological Survey, in cooperation with the U.S. Army Corps of Engineers, Rock Island District, began this study to compile sources of climatologic, hydrologic, and hydraulic information for the Illinois Waterway manual.

The Illinois River is unique in being a major river almost entirely within one State. The river drains an area of 28,906 mi² (square miles) and extends northeastward from its mouth, at river mile 217 on the Mississippi River, to its headwaters in Indiana (fig. 1). Of the total area, 2,017 mi² are in Indiana and 116 mi² are in Wisconsin. The main stem of the Illinois River begins at river mile 273 at the confluence of the Kankakee and Des Plaines Rivers.

Purpose and Scope

The purpose of this report is to present sources of climatologic, hydrologic, and hydraulic information for the Illinois River basin, and to describe the information so the usefulness can be determined.

The scope of the study is to conduct a search of the literature and query governmental agencies to compile and tabulate the sources of information through 1984. Sources of information are presented in tables for convenient reference. The report is limited in that only major sources for information were queried and that agencies reported readily available information which in some instances may not be current.

The primary study reach is the part of the Illinois Waterway that extends from the mouth of the Illinois River (river mile 0) to Lockport Lock on the Chicago Sanitary and Ship Canal (river mile 291). Some information for other parts of the Illinois River basin are also included in this report.

Acknowledgments

Special acknowledgment is made to the 18 governmental agencies whose contributions made this report possible:

Illinois Department of Conservation,
Illinois Department of Transportation, Division of Highways,
Illinois Department of Transportation, Division of Water Resources,
Illinois Environmental Protection Agency,
Illinois Department of Energy and Natural Resources, Natural History Survey,
Illinois Department of Energy and Natural Resources, State Water Survey,
Federal Emergency Management Agency,
Metropolitan Sanitary District of Greater Chicago,
University of Illinois, Water Resources Center,
U.S. Army Corps of Engineers, Chicago District,
U.S. Army Corps of Engineers, Rock Island District,
U.S. Army Corps of Engineers, St. Louis District,
U.S. Environmental Protection Agency,
U.S. Fish and Wildlife Service,
U.S. Geological Survey, Indiana District,
U.S. Geological Survey, Wisconsin District,
U.S. National Weather Service, and
U.S. Soil Conservation Service.

CLIMATOLOGIC DATA

Precipitation Stations

The U.S. National Weather Service operates 98 precipitation stations in the Illinois River basin as shown in figure 2 and listed in table 1. Precipitation data for each State are published by the U.S. National Climatic Data Center, Asheville, North Carolina, in two monthly publications. One publication, "Climatological Data," contains daily precipitation, temperature, and evaporation. The second publication is "Hourly Precipitation Data." Annual summaries are published for both publications. Table 1 also lists the total number of years of precipitation, temperature, and evaporation records at each station.

Major Storms

A major storm is defined as one having sufficient precipitation intensity to raise a stream a significant amount within a relatively short period of time. Data sources for information on major storms in the Illinois River basin are presented in table 2. A description of selected major storms and associated floods on the Illinois River is given in table 3.

HYDROLOGIC DATA

The U.S. Geological Survey, the governmental agencies queried, and the National Water Data Exchange master water data index are the prime sources for hydrologic data information. Station identification numbers and names are listed in the tables as reported by the agencies or retrieved from the master water data index; the listings do not necessarily conform to the Survey's publication format.

Streamflow

Streamflow is the total discharge that occurs in a stream channel. The term "streamflow" is more general than "runoff," as streamflow may be applied to discharge whether or not it is affected by diversion or regulation.

Streamflow data are collected primarily at continuous-record stations, and often augmented with partial-record stations. A continuous-record station is instrumented and operated to obtain a continuous record of stage and discharge, whereas, a partial-record station is operated to fill a particular need for streamflow information at a relatively low cost. The latter station is often used to provide instantaneous peak-stage and discharge data used in regional flood-frequency studies.

Active Data Stations

There are 161 streamflow and 43 telemetry stations in the Illinois River basin. A listing of the stations along with information on drainage area, beginning year of record, equipment and data source, and frequency of data collection are shown in table 4. Daily flows are computed from stage records collected at continuous-record stations, and peak flows are computed from stage records collected at both continuous and partial-record stations. The locations of active U.S. Geological Survey continuous-record stations, including those with telemetry, are shown in figure 3.

Discontinued Data Stations

Many streamflow stations were operated in the past. These stations were operated either as long-term stations or as short-term project stations. There are 266 discontinued streamflow stations in the basin. Table 5 contains a list of the stations along with drainage area, period of record, frequency of data collection, and data source. Records may be continuous, intermittent, or fragmentary within the period of record shown.

Water Quality and Sediment

Water quality as applied here encompasses biological, physical, and chemical characteristics of the most abundant substances in streamflows. Sediment is treated separately because of the interest and recognized water-resources problems associated with it.

Active Data Stations

The 344 water-quality and 15 sediment stations are listed in tables 6 and 7, respectively. Information on drainage area, beginning year of record, type of data available, and the data source is given for each station. The locations of the water-quality stations operated by the U.S. Geological Survey and the sediment stations are shown in figure 4.

Discontinued Data Stations

A considerable amount of water-quality and sediment information is available for previous data collection sites in the Illinois River basin. Available information for about 830 discontinued water-quality sites and 91 discontinued sediment sites are listed in tables 8 and 9, respectively. Station, drainage area, period of record, type of data, and data source information is provided in the tables.

Major Floods

A flood is defined as any relatively high streamflow that overtops the natural or artificial banks in any reach of a stream. For the purposes of this report, the more noteworthy ones are referred to as major floods.

Data sources for general information on selected major floods are listed in table 10. Streamflow records of the U.S. Geological Survey are prime sources for flood information. Data for major floods at specific sites are presented in table 11. Data for the maximum and second highest flood of record are also given in table 11 along with the period of record and drainage area. The frequency column shows the average time interval in years that the given discharge is expected to be equaled or exceeded once. Table 20 lists other publications containing flood information for the Illinois River basin.

Water-Surface Profiles

Availability of water-surface profile information for major floods on the Illinois River and selected tributaries is provided in table 12.

Water-surface profiles for major floods on the Illinois Waterway are shown in figure 5. Profiles for the 1943, 1947, 1957, 1970, 1973, 1979, and 1982 floods are presented along with the channel thalweg and the navigational pools from river mile 0 (mouth at Grafton, Illinois) to river mile 310. The Alton pool is created by Lock and Dam No. 26 on the Mississippi River.

HYDRAULIC INFORMATION

Bridges and Other Structures

Information on bridges and other structures spanning the Illinois Waterway from river mile 291 to river mile 0 is given in table 13. The table provides information on location, type of structure, river mile, horizontal and vertical clearances, and remarks. The types of structures include primarily bridges (highway, railroad, foot) and seven navigation locks and dams.

The locks and dams are La Grange, Peoria, Starved Rock, Marseilles, Dresden Island, Brandon Road, and Lockport. The locations of the locks are shown in figure 5. Information on the locks and dams, such as construction plans and specifications, is available from the Rock Island District.

Stream Geometry

Stream-geometry data such as cross sections, valley sections, profiles, soundings, and core borings have been collected on the Illinois Waterway and major tributaries in the Illinois River basin. Table 14 lists the stream-geometry data available for selected streams in the Illinois River basin.

OTHER INFORMATION

Aerial Photography

The sources of aerial photography for rivers in the Illinois River basin are given in table 15. The table provides information on aerial-photo coverage such as location, date flown, scale, type of photography, data source, and remarks.

Flood Damages

The average annual flood damages in the Illinois River basin, expressed in 1967 prices, amounted to \$47.8 million. Table 16 presents average annual flood damages and damages for selected floods. The U.S. Department of Agriculture, Soil Conservation Service, is preparing flood-damage reports for the seven Soil Conservation Service administrative areas of Illinois.

Illinois River Access Facilities

A list of public river access facilities on the Illinois River for the reach from river mile 0 to river mile 278 is provided in table 17. The river mile, bank location, site name, ownership, and type of facilities available are provided. Type of facilities include information on the availability of launching areas, dockage, and other services. Other services indicates that one or more services such as food, refreshments, rest rooms, fuel, lodging accommodations, campsites, and marine service are available.

Federal Lands

The Federal Government has acquired about 20,900 acres of land along the Illinois Waterway. The Government land right-of-ways have been acquired by either fee, easement, permit, or lease acquisition. A breakdown of the acreage by county, acquisition, and source of information is given in table 18.

Dam Ratings

Theoretical stage-discharge relations (ratings) were developed for the Illinois Waterway dams when they were constructed. In 1981, ratings were developed and verified by discharge measurements at the Brandon Road, Dresden Island, Starved Rock, Peoria, and La Grange dams. Data sources for information on stage-discharge relations at dams on the Illinois Waterway are provided in table 19.

Selected Bibliography

A selected bibliography of published climatologic, hydrologic, and hydraulic information for the Illinois River basin is given in table 20. The bibliography includes all references used in this report and additional informative references. Many of the references provide information that goes beyond the boundary of the Illinois River basin.

Figures 1-5; Tables 1-20

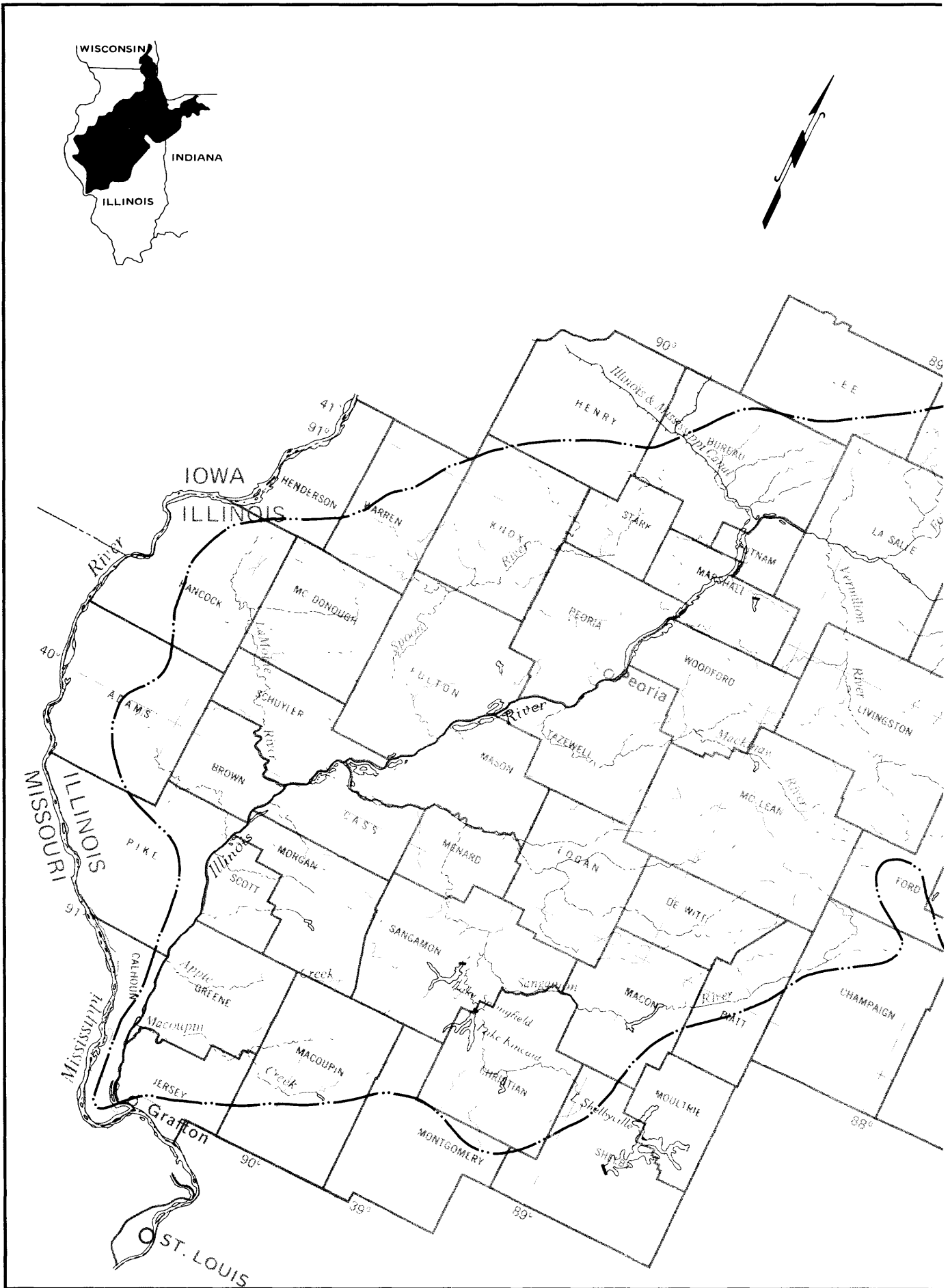
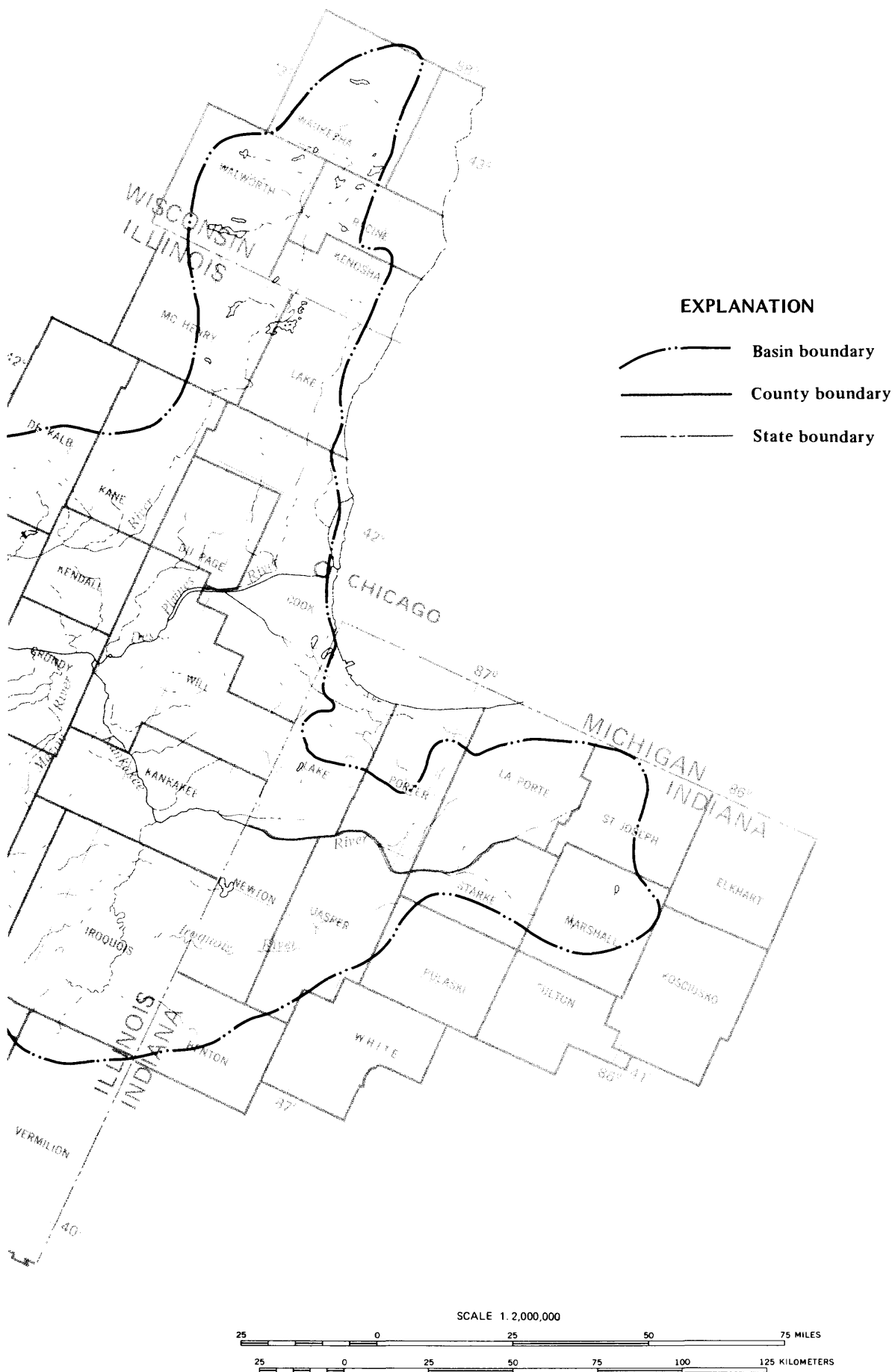


Figure 1.



Illinois River basin

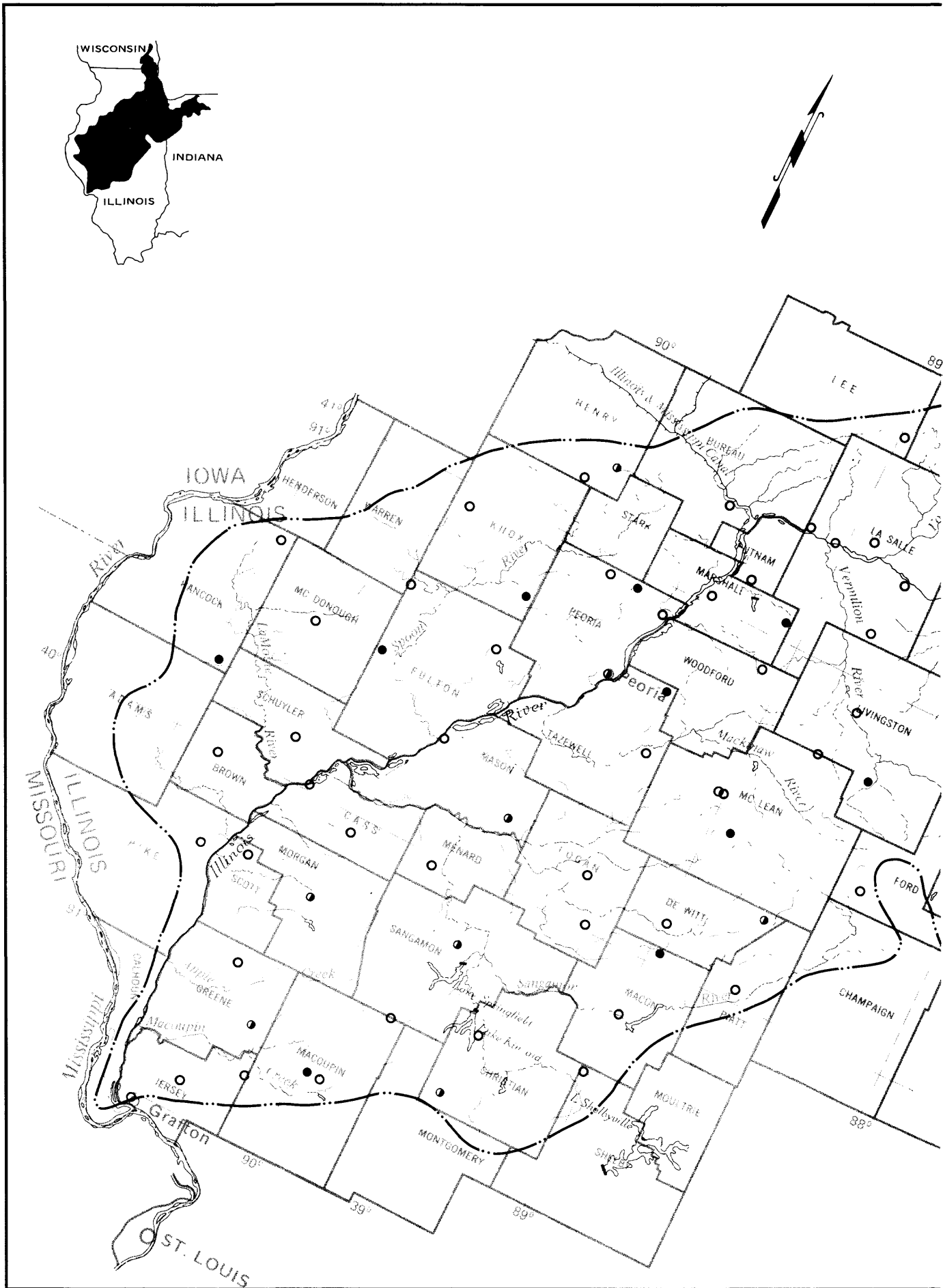
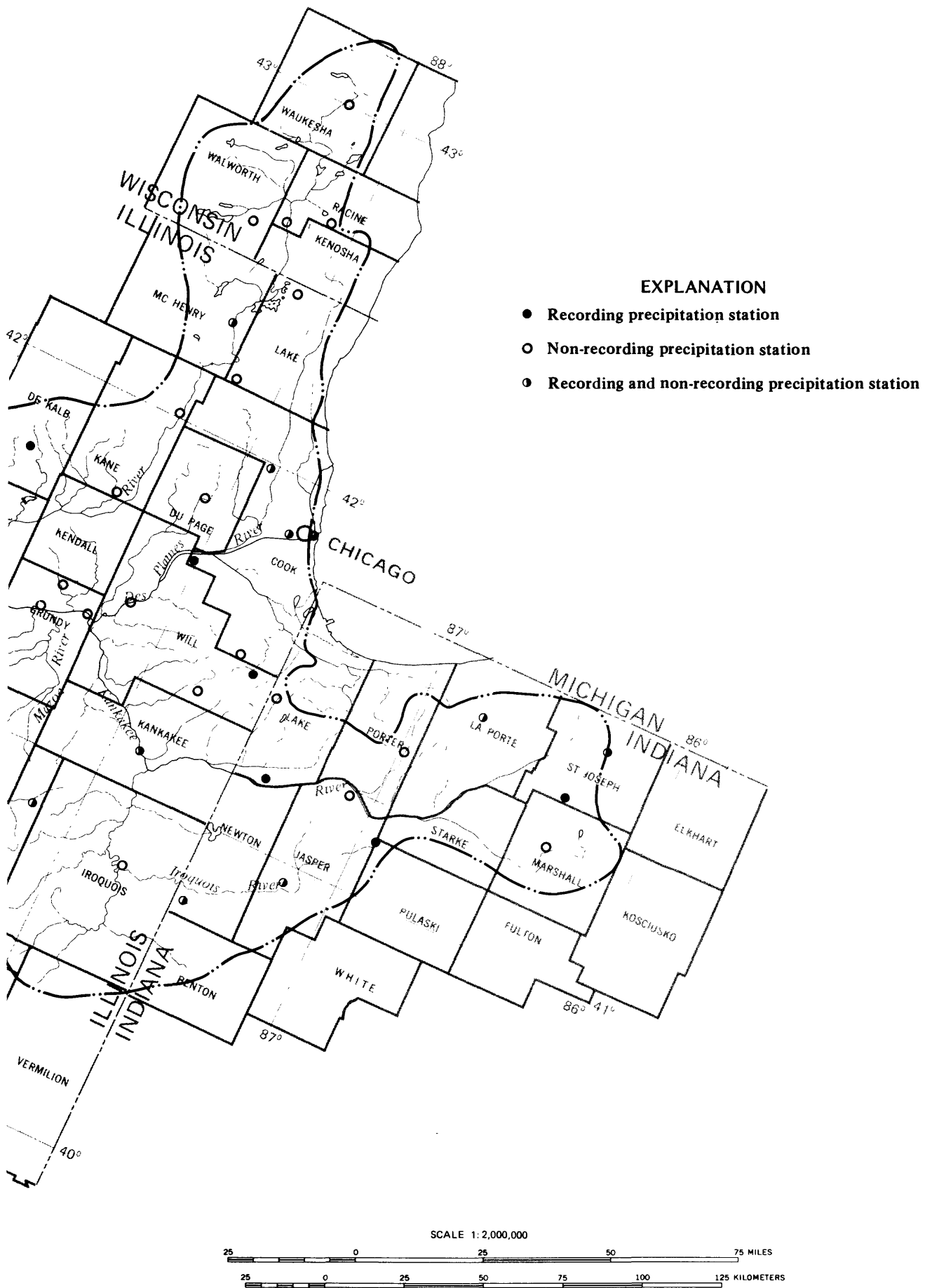
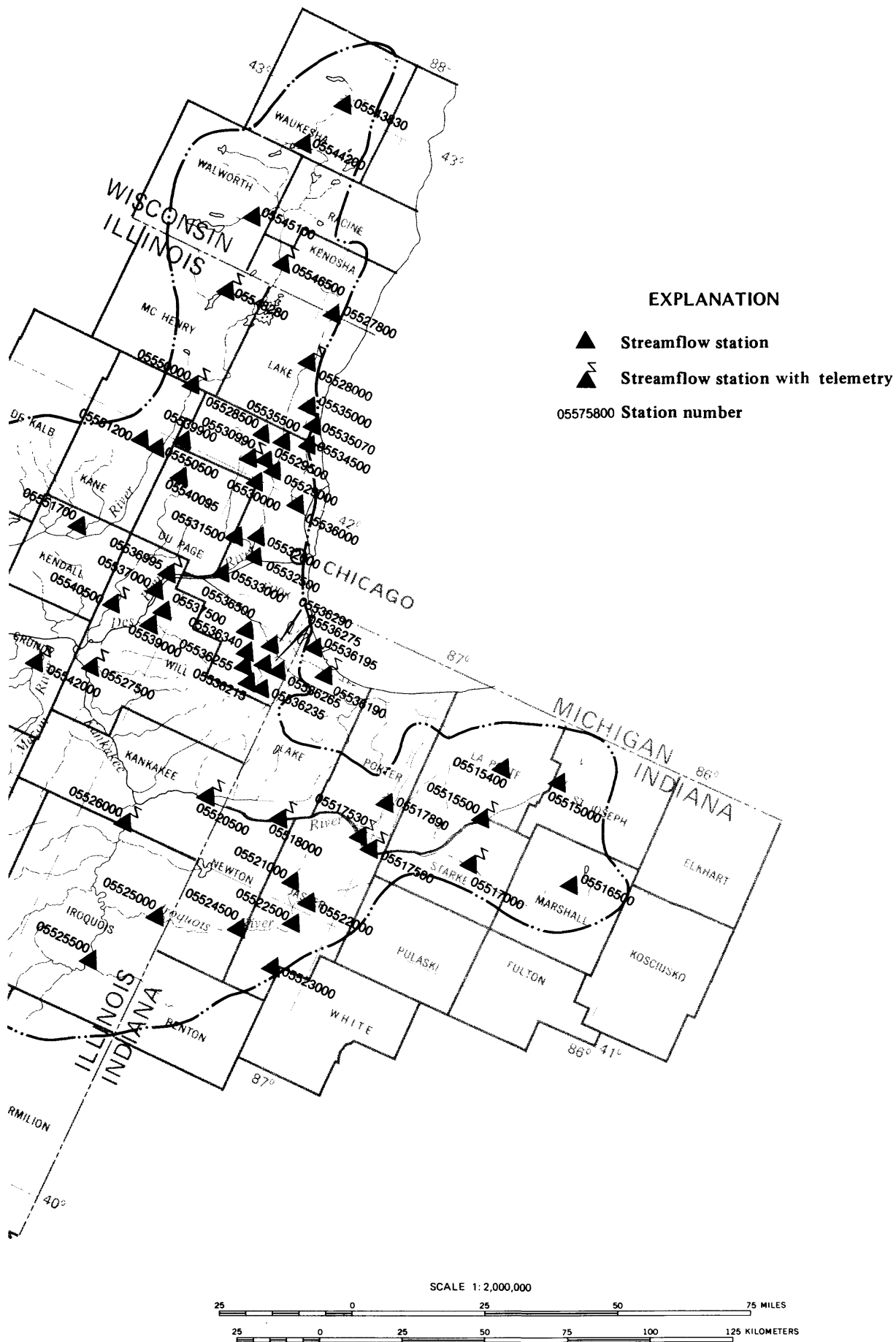


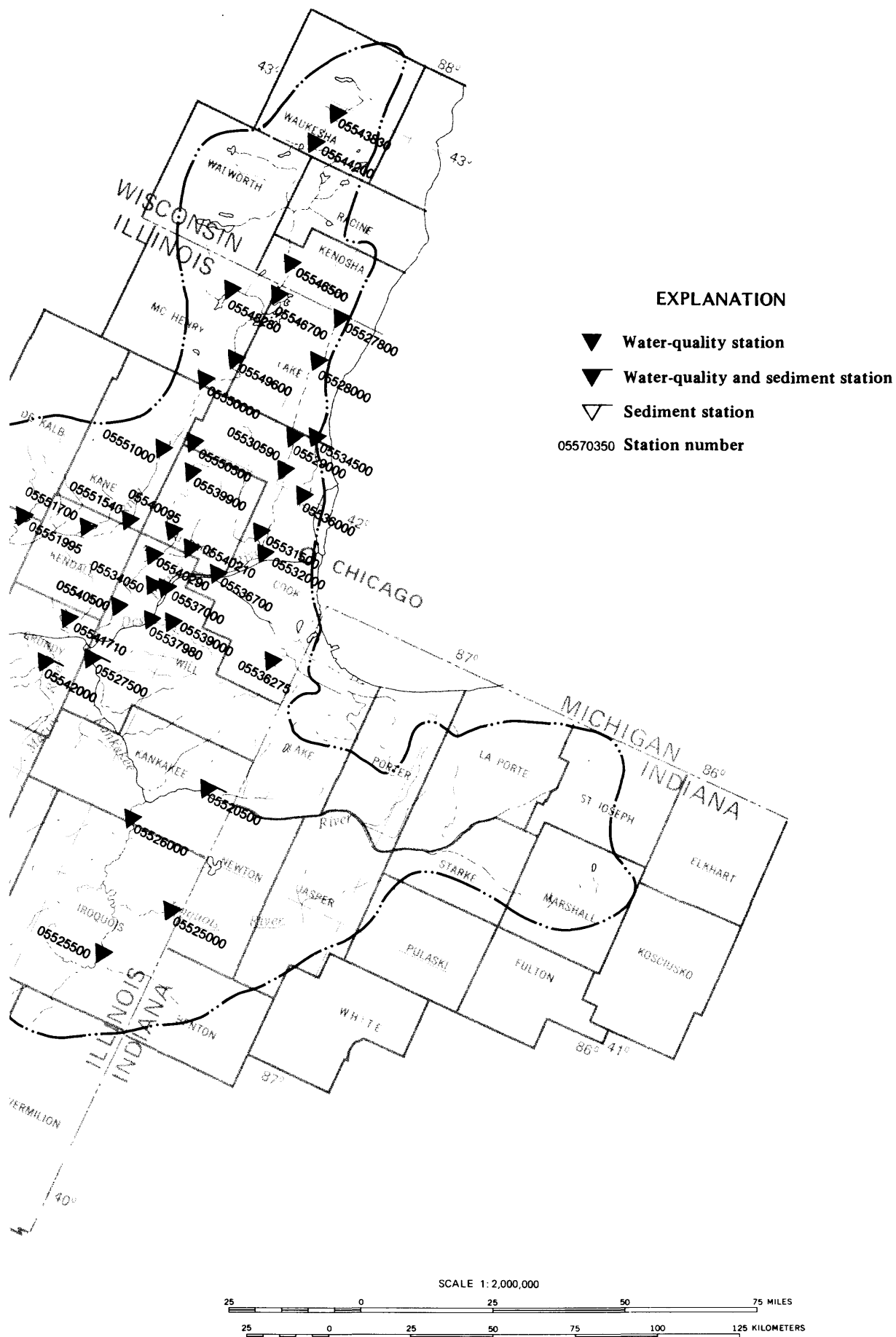
Figure 2. Location of U.S. National Weather Service



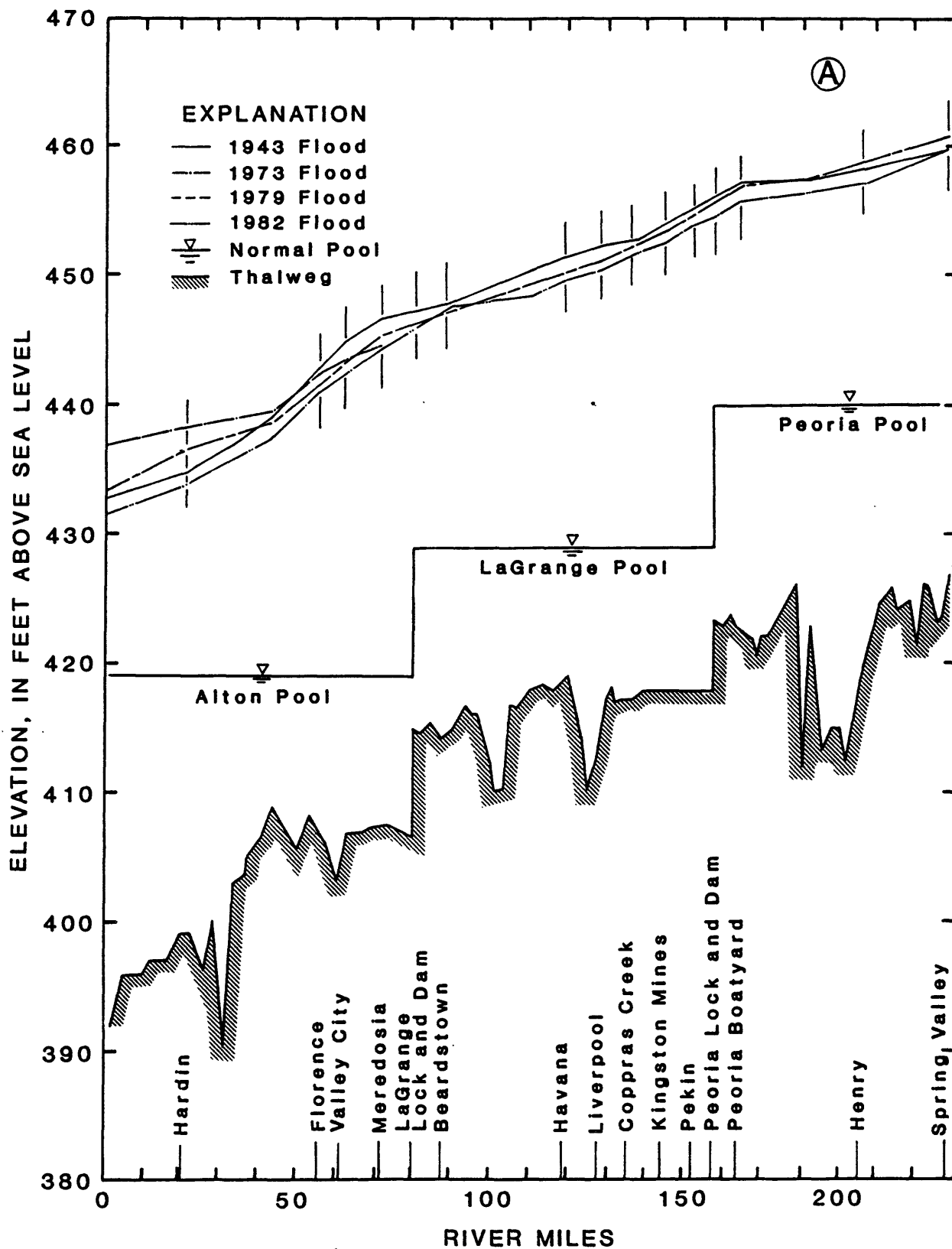
precipitation stations in the Illinois River basin



and telemetry stations in the Illinois River basin



and sediment stations in the Illinois River basin



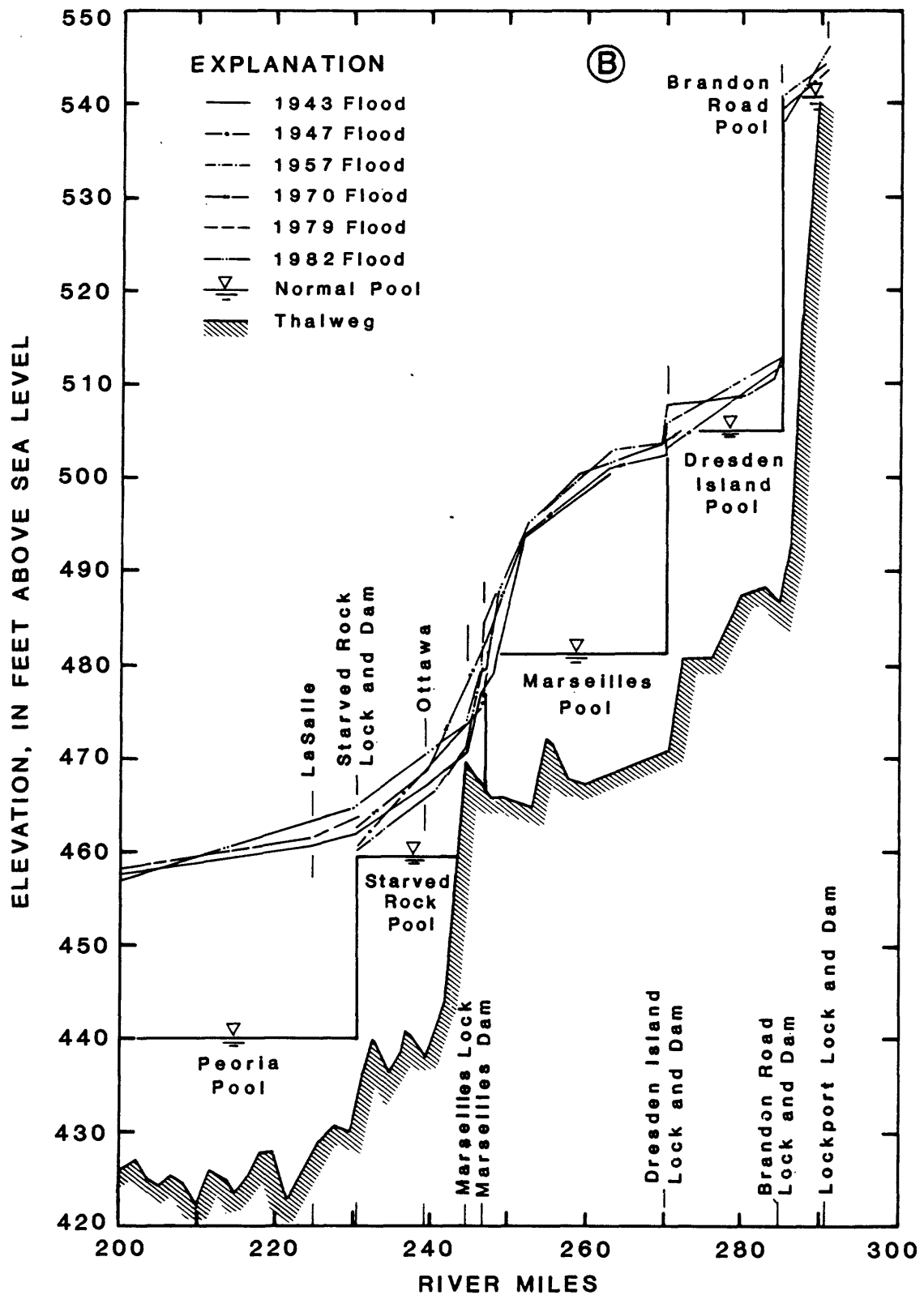


Table 1.--U.S. National Weather Service precipitation stations in the
Illinois River basin

[Dash indicates no data or data not provided; footnotes are at end of table]

Station name	County	Latitude (deg., min.)	Longitude (deg., min.)	Years of record through 1984			Type of gage ¹
				Precip- itation	Temper- ature	Evapo- ration	
Antioch, Ill. 2NW	Lake	42 30	88 08	63	63	-	M
Argonne National Lab, Ill.	Du Page	41 42	87 59	16	-	-	P
Augusta, Ill.	Hancock	40 14	90 56	44	-	-	P
Aurora, Ill.	Kane	41 45	88 21	113	103	-	M
Avon, Ill. 5NE	Fulton	40 43	90 22	33	-	-	M
Barrington, Ill.	Lake	42 10	88 09	21	21	-	M
Beardstown, Ill.	Cass	40 01	90 26	82	-	-	M
Bloomington Waterworks, Ill.	McLean	40 30	89 01	79	-	-	M
Bluffs, Ill.	Scott	39 45	90 32	43	-	-	M
Burlington, Wis.	Racine	42 40	88 16	38	32	-	M
Canton, Ill. 1ESE	Fulton	40 33	90 01	43	-	-	M
Carlinville, Ill.	Macoupin	39 17	89 52	92	92	-	M
Carlinville, Ill. 2	Macoupin	39 17	89 53	14	-	-	P
Channahon Dresden Isl, Ill.	Grundy	41 24	88 17	42	-	-	M
Chenoa, Ill.	McLean	40 44	88 44	38	33	-	M
Chicago O'Hare WSO AP, Ill.	Cook	41 59	87 54	26	25	-	Q
Chicago University, Ill.	Cook	41 47	87 36	113	68	-	Q
Chicago Midway AP, Ill. 3SW	Cook	41 44	87 46	56	55	-	Q
Chillicothe, Ill.	Peoria	40 55	89 30	43	-	-	M
Clinton, Ill. 1SSW	De Witt	40 08	88 58	73	-	-	M
Crete, Ill.	Will	41 27	87 38	42	-	-	P
Decatur, Ill.	Macon	39 50	89 01	95	91	-	M
Downs, Ill. 2NE	McLean	40 25	88 51	42	-	-	P
Edelstein, Ill.	Peoria	40 56	89 38	35	-	-	P
Elgin, Ill.	Kane	42 02	88 20	76	9	-	M
Fairbury Waterworks, Ill.	Livingston	40 44	88 31	43	-	-	Q
Farmer City, Ill.	De Witt	40 15	88 39	44	22	-	Q
Galesburg, Ill.	Knox	40 57	90 23	88	32	-	M
Galva, Ill.	Henry	41 10	90 03	107	90	-	M
Gebhard Woods St Park, Ill.	Grundy	41 21	88 26	71	71	-	M
Gibson City, Ill. 1E	Ford	40 28	88 22	50	5	-	M
Grafton, Ill.	Jersey	38 58	90 27	87	-	-	M
Greenfield, Ill.	Greene	39 21	90 13	40	-	-	Q
Griggsville, Ill.	Pike	39 43	90 44	101	96	-	M
Havana, Ill. 4NNE	Mason	40 21	90 01	98	91	-	M
Hennepin Power Plant, Ill.	Putnam	41 18	89 19	21	21	21	M
Jacksonville, Ill. 2E	Morgan	39 44	90 12	91	89	-	Q
Jerseyville, Ill. 2SW	Jersey	39 06	90 21	40	40	-	M
Joliet Brandon Road Dam, Ill.	Will	41 30	88 06	92	41	-	M
Kankakee Wtr Poll Crt, Ill.	Kankakee	41 08	87 53	44	11	-	Q
Kentland, Ind.	Newton	40 46	87 27	46	45	-	Q
Kewanee, Ill. 1E	Henry	41 15	89 54	44	44	-	Q
Kincaid, Ill.	Christian	39 35	89 25	11	-	-	M
La Harpe, Ill.	Hancock	40 35	90 58	88	88	-	M
La Porte, Ind.	La Porte	41 36	86 43	90	87	-	Q
Lacon, Ill. 2E	Marshall	41 01	89 22	30	30	-	M
Lake Geneva, Wis.	Walworth	42 36	88 26	39	39	-	M
Lakeville, Ind. 1W	St. Joseph	41 30	86 18	44	-	-	P
Lincoln, Ill.	Logan	40 09	89 23	95	95	-	M
Lowell, Ind.	Lake	41 17	87 25	22	22	-	M

Table 1.--U.S. National Weather Service precipitation stations in the
Illinois River basin--Continued

Station name	County	Latitude (deg., min.)	Longitude (deg., min.)	Years of record through 1984			Type of gage ¹
				Precip- itation	Temper- ature	Evapo- ration	
Mackinaw, Ill.	Tazewell	40 32	89 22	43	-	-	M
Macomb, Ill.	McDonough	40 28	90 40	78	-	-	M
Marietta, Ill.	Fulton	40 30	90 23	44	-	-	P
Maroa, Ill. 1W	Macon	40 02	88 58	-	42	-	P
Marseilles Lock, Ill.	La Salle	41 20	88 45	42	-	-	M
Mason City, Ill. 1NW	Mason	40 13	89 43	44	23	-	Q
McHenry Lock and Dam, Ill.	McHenry	42 17	88 14	45	-	-	Q
Medaryville St Nursery, Ind.	Pulaski	41 10	86 54	-	41	-	P
Medora, Ill.	Macoupin	39 10	90 08	41	-	-	M
Minonk, Ill.	Woodford	40 54	89 03	90	90	-	M
Monticello, Ill. 2	Piatt	40 02	88 36	20	-	-	M
Morris, Ill.	Grundy	41 21	88 26	32	-	-	M
Morrisonville, Ill.	Christian	39 25	89 28	36	3	-	Q
Mount Pulaski, Ill.	Logan	40 01	89 17	53	-	-	M
Mount Sterling, Ill.	Brown	39 59	90 46	40	-	-	M
Moweaqua, Ill.	Shelby	39 38	89 02	21	21	-	M
Normal, Ill.	McLean	40 31	89 00	92	90	-	M
Ottawa, Ill.	La Salle	41 21	88 51	110	95	-	M
Park Forest, Ill.	Cook	41 30	87 41	31	31	-	M
Paw Paw, Ill. 1E	Lee	41 42	88 58	70	22	-	M
Peoria WSO AP, Ill.	Peoria	40 40	89 41	44	43	-	Q
Peotone, Ill.	Will	41 20	87 48	43	-	-	M
Peru, Ill.	La Salle	41 20	89 08	21	21	-	M
Petersburg, Ill. 3SSW	Menard	39 58	89 52	12	-	-	M
Piper City, Ill. 3SE	Ford	40 48	88 08	71	48	-	Q
Plymouth Power Substa, Ind.	Marshall	41 20	86 19	80	79	-	M
Pontiac, Ill.	Livingston	40 53	88 38	85	84	-	M
Princeville, Ill.	Peoria	40 56	89 46	54	22	-	M
Rensselaer, Ind.	Jasper	40 56	87 09	88	83	-	Q
Rushville, Ill.	Schuyler	40 07	90 35	92	90	-	M
South Bend WSO AP, Ind.	St. Joseph	41 42	86 19	97	91	-	Q
Springfield WSO AP, Ill.	Sangamon	39 51	89 41	48	47	18	Q
Streator, Ill. 3SE	Livingston	41 06	88 49	79	-	-	M
Tiskilwa, Ill. 2SE	Bureau	41 16	89 28	99	21	-	M
Union Grove, Wis.	Racine	42 42	88 03	43	-	-	M
Utica Starved Rock Dam, Ill.	La Salle	41 19	88 59	42	-	-	M
Virden, Ill. 1N	Sangamon	39 31	89 46	42	36	-	M
Virginia, Ill.	Cass	39 57	90 13	21	-	-	M
Wanatah, Ind. 2WNW	Porter	41 26	86 56	24	24	-	M
Washington, Ill. 1WSW	Tazewell	40 42	89 25	43	-	-	P
Waterman, Ill. 1ESE	De Kalb	41 46	88 45	13	-	-	P
Watseka, Ill. 2NW	Iroquois	40 47	87 46	92	36	-	M
Waukesha, Wis.	Waukesha	43 01	88 14	93	89	-	M
Wenona, Ill.	Marshall	41 04	89 04	44	44	-	P
Wheatfield, Ind. 2 NNW	Jasper	41 14	87 04	67	67	-	M
Wheaton, Ill. 3SE	Du Page	41 49	88 04	55	34	-	M
White Hall, Ill. 1E	Greene	39 26	90 23	114	92	-	M
Yates City, Ill.	Knox	40 47	90 01	35	-	-	P

¹ P = Recording; M = Nonrecording; and Q = Recording and nonrecording.

Table 2.--Sources of information describing major storms in the Illinois River basin

Year of storm	Data source
1913, 1922, 1926, 1927, 1933, 1943, 1944, 1962, 1970, 1973, 1974, 1979	U.S. Army Corps of Engineers, 1982a, Eldred and Spankey Drainage and Levee District, Illinois, Final reevaluation report and environmental impact statement: St. Louis District, 29 p., plates, appendices.
1948, 1950, 1954, 1957, 1961	U.S. Army Corps of Engineers, 1966, Flood plain information report on the Des Plaines River, Illinois and Wisconsin: Chicago District, 36 p., plates.
1943	Illinois Department Public Works and Buildings, 1944, The floods of May 1943 in Illinois: Division of Waterways, 168 p.
1951	Illinois Department of Registration and Education, 1952, The storm of July 8, 1951, in north-central Illinois: State Water Survey Report of Investigation 14, 45 p.
1954	Huff, F. A., Hiser, H. W., and Stout, G. E., 1955, The October 1954 storm in northern Illinois: Illinois State Water Survey Report of Investigation 27, 23 p.
1956-1957	Huff, F. A., Semonin, R. G., Changnon, S. A., Jr., and Jones, D. M. A., 1958, Hydrometeorological analysis of severe rainstorms in Illinois, 1956-1957, with summary of previous storms: Illinois State Water Survey Report of Investigation 35, 79 p.
1958-1959	Huff, F. A., and Changnon, S. A., Jr., 1961, Severe rainstorms in Illinois, 1958-1959: Illinois State Water Survey Report of Investigation 42, 70 p.
1982	Changnon, S. A., Jr., Lardner, J. P., Vogel, J. L., and Vinzani, P. G., 1983, Floods of winter-spring 1982 in Illinois: Illinois State Water Survey Report of Investigation 105, 61 p.
1982	Sauer, V. B., and Fulford, J. M., 1983, Floods of December 1982 and January 1983 in central and southern Mississippi River basin: U.S. Geological Survey Open-File Report 83-213, 41 p.

Table 3.--Major storms and associated floods on the Illinois River

[Excerpts from the report U.S. Army Corps of Engineers, St. Louis District, 1982a, Eldred and Spankey Drainage and Levee District, Illinois, Final Reevaluation Report and Environmental Impact Statement. The report discussed both the storm and the flood. The discussion on the storm of December 1982 was prepared by the U.S. Geological Survey. Symbols ngvd and cfs represent National Geodetic Vertical Datum and cubic feet per second, respectively.]

"Flood of 1844. The greatest known flood between Starved Rock (mile 231) and Grafton occurred in 1844 when the valley was in a natural state and very sparsely inhabited. However, on account of the abnormal height of the flood, pertinent marks were made and preserved by the inhabitants at 17 points between Starved Rock and the mouth of the river. The elevations of these marks were determined in connection with the Corps of Engineers survey of 1902-1904. A comparison of the cross sections and slopes of the 1844 flood with those of the 1904 flood indicates that, with respect to volume, the 1844 flood was the greatest known. The flood of 1844 also attained stages in excess of those attained by any subsequent flood prior to the era of levee construction. The crest stage at Meredosia for the 1844 flood was 440.9 feet ngvd. The estimated maximum discharge above the mouth of the Illinois River was 150,000 cfs."

"Floods of 1851 and 1858. Historic flood investigations conducted by the St. Louis District in 1946 concluded that the crest discharges for the floods of 1851 and 1858 above the mouth of the Illinois River were 147,000 and 145,000 cfs, respectively."

"Flood of 1913. The flood of 1913 was caused by heavy spring rains, supplemented by melting snow and groundwater flow. A thaw, which began on 8 March, melting about 0.83 inch (water equivalent) of accumulated snow, supplemented by light rains from 13-16 March, saturated the ground and brought the river out of its banks and set up a favorable flood condition. After a rainfall of 3.85 inches between 21 and 25 March, the major flood of 1913 followed. The river rose to a crest of 439.8 feet ngvd at Meredosia on 10 April."

"Flood of 1922. The flood of 1922 resulted from an unusually long period of rainfall. The average precipitation upstream of La Salle, Illinois (mile 226), from October to December 1921, inclusive, was 9.03 inches, which was 2.5 inches above normal. Above Peoria for the same period, the total precipitation was 8.10 inches; above Havana, 8.51 inches; above Beardstown, 8.41 inches; and above Grafton, 8.08 inches. However, these rains were of low intensity and uniformly distributed; thus, there was practically no flood runoff. It appears that the rain was largely absorbed by the soil and augmented groundwater storage so that, when freezing weather set in, the ground was practically saturated. On 22 February, the maximum temperature record was exceeded at Alexander, Chicago, Mt. Carroll, and Walnut; and it was equaled at a number of other stations. Peoria, with one exception, experienced its warmest February day in 67 years. The snow and ice melted; the tributaries began to rise, and by the end of the month, the saturated soil was giving up its stored water. This condition was

Table 3.--Major storms and associated floods on the Illinois River--Continued

followed by precipitation in March which was from 2 to 5 inches above normal. During April the precipitation above the northern portion of the watershed was not as extensive as during March. However, on 10 and 11 April, rainfall averaging 1.67 inches occurred over the basin above Peoria. Maximum stages attained by the 1922 flood on the Illinois River were higher than crest stages recorded for the earlier floods of approximately the same discharge. The crest stage at Meredosia for this flood was 441.21 feet ngvd."

"Flood of 1926. This flood, like that of 1922, resulted from a long period of moderate to heavy rainfall over the entire Illinois River basin. Due to above normal rainfall during August and heavy rains early in September, the river rose rapidly. The average precipitation over the basin during September was 10.51 inches, the greatest rainfall for any month since 1897. Most of the September rainfall occurred during the three storm periods and was followed by a fourth storm during the first 5 days of October. During this period the highest stages of record up to that time were recorded from 10 miles above Havana to a short distance above Valley City. The crest stage at Meredoia reached 442.0 feet ngvd."

"Flood of 1927. The Illinois River receded slowly following the flood of October 1926 and remained at near-bankfull stage throughout the month of January 1927. Warm weather during the early parts of February, followed by above normal rainfall, caused the river to rise steadily. The March precipitation totalled about 3.48 inches, of which 2.61 inches fell between 10 and 20 March. During April there was a total rainfall of 6.51 inches, about 90 percent above normal. As a result, the Illinois River reached a crest elevation of 441.5 feet ngvd at Meredosia on 27-28 April. It is interesting to note that the average precipitation above the Illinois River watershed during the 11-month period from August 1926 to June 1927, inclusive, was 46 inches, which was a maximum record for that watershed for any period of equal length."

"Flood of 1933. The Illinois River was at a high stage throughout most of the month of April as a result of above normal rainfall in combination with melting ice and snow during the last 10 days of March, followed by persistent rains during the first week of April. From 29 April to 23 May, approximately 7 inches of rainfall (about twice the normal amount) occurred over the basin, producing a maximum stage of 441.53 feet ngvd at Meredosia on 29 May."

"Flood of 1943. The record-breaking flood of May 1943 was produced by rainfall of more than twice the amount that normally occurs during the month. Heavy rains occurred from 6 to 11 May, when there was a respite from rain in the flood area for 2 days. Precipitation began again on 13 May and continued with heavy intensity over the same areas until 20 May. Rainfall over the Illinois River basin during May averaged about 8.5 inches, as compared with the normal of 3.95 inches. The heaviest precipitation was recorded during the period 7-20 May. The crest stage at Meredosia for this flood was at the record elevation of 446.7 feet ngvd on 26 May with a discharge of 123,000 cfs. The river was above

Table 3.--Major storms and associated floods on the Illinois River--Continued

flood stage (428 feet ngvd at that time) at Meredosia for 70 consecutive days from 30 April to 8 July 1943. The McGee Creek Drainage and Levee District levee system was overtopped and failed along the lower flank near McKee Creek on 19 May 1943. The lower flank levee of the Eldred and Spankey Drainage and Levee District was overtopped by the Macoupin Creek record flood early in the month. The subsequent breaching of this levee allowed the Illinois River to back in and fill the Eldred-Spankey unit later in May. Other major levee districts were threatened as well."

"Flood of 1944. This flood followed a period of above normal rainfall during March and was the direct result of rainfall totalling about 6 inches above the basin during the period from 7-24 April. Average precipitation for the entire state during April totalled 6.5 inches, which had been exceeded only twice during the period of record. The crest stage at Meredosia for this flood was reached on 1 May at an elevation of 443.29 feet ngvd, approximately 3.5 feet lower than the May 1943 flood. The peak discharge was 102,000 cfs at Meredosia and occurred on 29 April 1944."

"Flood of 1962. On 29-30 March 1962, the Illinois River rose to an elevation of 440.2 feet ngvd at Meredosia, which was the highest the river had been at this site since the April 1944 flood. The peak discharge for this flood was determined to be 91,100 cfs on 29 March by the USGS, Water Resources Division. This high water was due to a combination of moderate rainfall falling on saturated ground with some late melting of snow that resulted in heavy runoff."

"Flood of 1970. Heavy rains in late April and early May caused the Illinois River to peak on 22 May with a maximum discharge of 94,800 cfs and maximum gage height of 22.57 (440.57 feet ngvd) at Meredosia. An unusually steep flood profile existed since the Mississippi River was at low stages. The Illinois River was about 13 feet above flood stage at Meredosia, yet only about 5 feet above flood stage at Grafton, Illinois (14-foot difference in elevation)."

"Flood of 1973. The major flood of 1973 rose out of its banks early in 1973 and ravaged towns and farmlands that had seldom been threatened by flood-water. In the lower reaches where there was no flood protection, the Illinois River was driven far beyond its banks both by the increased flow caused by heavy rainfall and, more importantly, by backwater from the flooding Mississippi River. It produced a series of three crests, each higher than its predecessor and each adding significantly to the total physical cost and to the number of persons to be evacuated. The flood's first crest passed Hardin and Grafton on 18 March and Beardstown and Meredosia on 20 March without creating serious difficulty. The second crest passed Hardin and Grafton on 5 April and Beardstown and Meredosia on 7 April. At each of these points, the Illinois River reached levels more than 2 feet above those recorded at the time of the first crest; and new damage was considerable. The third and the highest crest passed Grafton, Hardin, Beardstown, and Meredosia between 28 April and 30 April and was more than 3 feet higher than the second crest. Of 127,668 acres of protected land in

Table 3.--Major storms and associated floods on the Illinois River--Continued

the Illinois River basin, an estimated 5,875 had been flooded because of broken or overtopped levees. Fortunately, all major levee units held even though peak elevations approached or exceeded levee crest elevations at some units. Homes that had stood for decades and had never been flooded by previous floods were very extensively damaged. The peak flow at the Meredosia gage was measured at 102,000 cfs on 2-3 May, equaling the peak discharge of the 1944 flood and being exceeded only by the May 1943, April 1979, June 1974, April 1922, and April 1927 flood events. The crest stage at Meredosia for this flood was at elevation 444.75 feet ngvd on 30 April and 436.99 feet ngvd at Grafton on 28 April. The river was above flood stage (432) at Meredosia for 123 consecutive days, breaking all records for duration."

"Flood of 1974. The fall-winter period of 1973-74 gave every indication that this spring might be a repeat of the previous year when floods on the Mississippi and Illinois Rivers broke almost every record for stages in the St. Louis District. Fortunately, the disastrous spring cloudburst of 1973 did not reoccur. However, recurrent rainfall kept river stages on the Mississippi and Illinois Rivers in the St. Louis District far above normal throughout the winter and spring. Most of the heavy rain fell to the north of the St. Louis District - in northern Illinois and Iowa. However, extreme amounts of snow fell in the district (up to 35 inches) in December and early January to maintain the high soil moisture content. River elevations near flood stage were common throughout the district during the winter, a period when low stages are expected. Heavy rains, primarily north of the St. Louis District between 13-20 May, sent the Illinois and upper Mississippi Rivers many feet over their banks. Rainfall amounts of 3 to 6 inches were common across Iowa and northern Illinois, with maximum stages occurring in late May-early June on most main stem gages in the St. Louis District. The peak flow (110,000 cfs) at Meredosia on 29 June was the third highest of record on the Illinois River, being exceeded only by the 1943 and 1979 flood events. Peak stages corresponding with these flows were less rare due to the relatively low Mississippi River water levels at this time. Although flow at Meredosia was higher than last year's flood, the corresponding stage (442.8 feet ngvd) was about 2 feet less. As in last year's flood, the river remained above flood stage an excessive period of time. New duration records were set at Meredosia, Valley City, Florence, and Pearl, Illinois, when elevations exceeded flood stage for over 6 consecutive months."

"Flood of 1979. Above normal snowfall in the northern sector of Illinois in mid-January and February followed by warming temperatures and heavy rainfall in March and April was the direct cause of this flood. Saturated conditions and intense rainfall caused the Illinois River to rise 14.3 feet, with an increase of 80,000 cfs during the month of March at Meredosia, Illinois. The peak stage at Meredosia was 445.1 feet ngvd on 19-20 April, being exceeded only by the 1943 flood event of 446.7 ngvd. The peak discharge at Meredosia was estimated at 119,000 cfs occurring at 1500 hours on 19 April, being exceeded only by the 1943 flood event of 123,000 cfs. The flood caused considerable damage, including the failure of the McGee Creek Drainage and Levee District riverfront levee on 15 April. Due to the prolonged duration of high flood stages within 1-2 feet of the crest of the McGee Creek riverfront levee, seepage and piping resulted in levee failure and flooded approximately 12,000 acres."

Table 3.--Major storms and associated floods on the Illinois River--Continued

Storm of December 2-7, 1982: The storm was related to a deep low pressure trough aloft over Texas and the southwest. The resulting flow pattern fed warm, wet air over the lower Mississippi River basin and created atmospheric disturbances over the Gulf of Mexico and southeast Texas that encouraged development of the storm systems. Subsequent slow movement of the system toward the northeast produced tornadoes, severe thunderstorms, and intense rainfall for extended time periods. Additional moderate but spotty rains in December served to maintain a high soil moisture content, thereby contributing to high runoff and extreme floods. Illinois was affected severely by this storm, with several streams exceeding previously known maximum floods. Rainstorms began on 2 December with heavy precipitation continuing for four days, averaging 5 to 7 inches in the general area from Chicago, Illinois, to St. Louis, Missouri.

Table 4.--Active streamflow and telemetry stations in the Illinois River basin

[Dash indicates no data or data not provided; footnotes are at end of table]

Station No.	Station name	Drainage area (mi ²)	Begin water year	Equipment and data source ¹		Frequency of data collection ²	
				Stream- flow	Telem- etry	Daily flow	Peak flow
05515000	Kankakee River near North Liberty, Ind.	174	1951	G,T(8)	-	I	I
05515400	Kingsbury Creek near LaPorte, Ind.	7.08	1970	G,T(8)	-	I	I
05515500	Kankakee River at Davis, Ind.	537	1905	G,T(8)	F(10)	I	I
05516500	Yellow River at Plymouth, Ind.	294	1948	G,B(8)	-	I	I
05516950	Eagle Creek near Grovertown, Ind.	32.0	1972	(8)	-	-	K
05517000	Yellow River at Knox, Ind.	435	1905	G,T(8)	S(1)	I	I
05517500	Kankakee River at Dunns Bridge, Ind.	1,352	1948	G(8)	S(8)	I	I
05517530	Kankakee River near Kouts, Ind.	1,376	1974	G,T(8)	S(8)	I	-
05517780	Cobb ditch near Valparaiso, Ind.	0.39	1972	(8)	-	-	K
05517890	Cobb ditch near Kouts, Ind.	30.3	1968	B,T(8)	-	I	I
05518000	Kankakee River at Shelby, Ind.	1,779	1922	G,T(8)	S(1)	I	I
05520500	Kankakee River at Momence, Ill.	2,294	1905	G,T,R(8)	F(10)	I	I
05521000	Iroquois River at Rosebud, Ind.	35.6	1947	(8)	-	I	I
05522000	Iroquois River near North Marion, Ind.	144	1948	(8)	-	I	I
05522500	Iroquois River at Rensselaer, Ind.	203	1948	G,T(8)	-	I	I
05523000	Bice ditch near South Marion, Ind.	21.8	1948	G,T(8)	-	I	-
05524500	Iroquois River near Foresman, Ind.	449	1948	G,T(8)	-	I	I
05525000	Iroquois River at Iroquois, Ill.	686	1945	G,T(8)	-	I	I
05525500	Sugar Creek at Milford, Ill.	446	1948	G,T(8)	-	I	I
05526000	Iroquois River near Chebanse, Ill.	2,091	1923	G,B,D,T(8)	F(10)	I	I
05527500	Kankakee River near Wilmington, Ill.	5,150	1934	G,T(8)	S(8)	I	I
05527800	Des Plaines River at Russell, Ill.	123	1960	G,D,T(8)	-	I	I
05528000	Des Plaines River near Gurnee, Ill.	232	1946	G,T(8)	S(10)	I	I
05528500	Buffalo Creek near Wheeling, Ill.	19.6	1952	G,R(8)	-	I	I
05529000	Des Plaines River near Des Plaines, Ill.	360	1941	G(8)	-	I	I
05529500	McDonald Creek near Mount Prospect, Ill.	7.93	1952	G,D,T(8)	-	I	I
05530000	Weller Creek at Des Plaines, Ill.	13.2	1951	G,D,T(8)	-	I	I
05530990	Salt Creek at Rolling Meadows, Ill.	30.5	1974	G,B,D,R(8)	C(10)	I	I
05531175	Salt Creek at Wood Dale, Ill.	74.7	-	(13)	S(13)	-	-
05531500	Salt Creek at Western Springs, Ill.	115	1946	G,T(8)	-	I	I
05532000	Addison Creek at Bellwood, Ill.	17.9	1950	G,T(8)	-	I	I
05532500	Des Plaines River at Riverside, Ill.	630	1944	G,T(8)	S(13)	I	I
05533000	Flag Creek near Willow Springs, Ill.	16.5	1951	G,D,T(8)	-	I	I
05534500	North Branch Chicago River at Deerfield, Ill.	19.7	1952	G,B,D,T(8)	-	I	I
05535000	Skokie River at Lake Forest, Ill.	13.0	1952	G,T(8)	-	I	I

05535070	Skokie River near Highland Park, Ill.	21.1	1967	G,B,T(8)	-	I	I
05535500	West Fork of North Branch Chicago River at Northbrook, Ill.	11.5	1952	G,T(8)	-	I	I
05536000	North Branch Chicago River at Niles, Ill.	100	1951	G,T(8)	-	I	I
05536189	Hart ditch at Munster, Ind. (auxiliary gage)	-	1959	G,B,T(8)	-	I	-
05536190	Hart ditch at Munster, Ind. (base gage)	70.7	1942	G,B,R(8)	S(8)	I	I
05536195	Little Calumet River at Munster, Ind.	90.0	1958	G,T(8)	-	I	I
05536215	Thorn Creek at Glenwood, Ill.	24.7	1949	G,R(8)	-	I	I
05536235	Deer Creek near Chicago Heights, Ill.	23.1	1948	G,T(8)	-	I	I
05536255	Butterfield Creek at Flossmoor, Ill.	23.5	1948	G,T(8)	-	I	I
05536265	Lansing ditch near Lansing, Ill.	8.84	1948	G,R(8)	-	I	I
05536275	Thorn Creek at Thornton, Ill.	104	1948	G,T(8)	-	I	I
05536290	Little Calumet River at South Holland, Ill.	208	1948	G,T(8)	-	I	I
05536340	Midlothian Creek at Oak Forest, Ill.	12.6	1951	G,R(8)	-	I	I
05536500	Tinley Creek near Palos Park, Ill.	11.2	1951	G,T(8)	-	I	I
05536995	Chicago Sanitary and Ship Canal at Romeoville, Ill.	739	1984	G,A(8)	A(8)	I	I
05537000	Chicago Sanitary and Ship Canal (at Lock and Dam) at Lockport, Ill.	740	1900	G(13)	-	I	I
05537500	Long Run near Lemont, Ill.	20.9	1951	G,R(8)	-	I	I
-	Des Plaines River at Lock and Dam at Brandon Road at Rockdale, Ill.	-	-	(2)	-	-	K
05539000	Hickory Creek at Joliet, Ill.	107	1945	G,B,R(8)	S(13)	I	I
05539900	West Branch Du Page River near West Chicago, Ill.	28.5	1961	G,T(8)	-	I	I
05540095	West Branch Du Page River near Warrenville, Ill.	90.4	1969	G,R(8)	-	I	I
05540230	East Branch Du Page River at Lisle, Ill.	57.8	1974	(13)	S(13)	I	I
05540500	Du Page River at Shorewood, Ill.	324	1941	G,R(8)	S(8)	I	I
05541500	Illinois River at Dresden Island Lock and Dam, Ill.	7,278	-	(2)	-	-	K
05542000	Mazon River near Coal City, Ill.	455	1940	G,T(8)	E(2)	I	I
05543485	Illinois River at Marseilles Dam at Marseilles, Ill.	-	-	(2)	-	-	K
05543500	Illinois River at Marseilles, Ill.	8,259	1920	G(8)	E(2)	I	I
05543830	Fox River at Mukwonago, Wis.	127	1963	(8)	-	I	I
05544200	Mukwonago River at Mukwonago, Wis.	74.1	1973	(8)	-	I	I
05545100	Sugar Creek at Elkhorn, Wis.	6.68	1961	(8)	-	-	I
05545200	White River Tributary near Burlington, Wis.	2.42	1957	(8)	-	-	I
05546500	Fox River at Wilmot, Wis.	868	1938	(8)	S(13)	I	I
05548280	Nippersink Creek near Spring Grove, Ill.	192	1966	G,T(8)	S(13)	I	I
05548500	Fox River at Johnsbury, Ill.	1,205	-	(8)	S(13)	-	-
05549000	Boone Creek near McHenry, Ill.	15.5	1948	D(8)	-	L	I
05550000	Fox River at Algonquin, Ill.	1,403	1916	G,R(8)	S(13)	I	I
05550500	Poplar Creek at Elgin, Ill.	35.2	1951	G,R(8)	-	I	I
05551200	Person Creek near St. Charles, Ill.	51.7	1961	G,T(8)	-	I	I
05551700	Blackberry Creek near Yorkville, Ill.	70.2	1961	G,R(8)	-	I	I
05552500	Fox River at Dayton, Ill.	2,642	1915	G,D,T(8)	F(10)	I	I

Table 4.--Active streamflow and telemetry stations in the Illinois River basin--Continued

Station No.	Station name	Drainage area (mi ²)	Begin water year	Equipment and data source ¹		Frequency of data collection ²	
				Stream-flow	Telemetry	Daily flow	Peak flow
05553700	Illinois River at Lock and Dam at Starved Rock, Ill.	11,056	-	(2)	-	-	K
05554000	North Fork Vermilion River near Charlotte, Ill.	186	1943	D(8)	-	L	I
05554500	Vermilion River at Pontiac, Ill.	579	1943	G,T(8)	S(13)	I	I
05555300	Vermilion River near Leonore, Ill.	1,251	1931	G,B,D,T(8)	F(10)	I	I
05556500	Big Bureau Creek at Princeton, Ill.	196	1936	G,R(8)	-	I	I
05557000	West Bureau Creek at Wyanet, Ill.	86.7	1936	D,T(8)	-	L	I
05557500	East Bureau Creek near Bureau, Ill.	99.0	1936	D(8)	-	L	I
05558300	Illinois River at Henry, Ill.	13,543	1982	G,H,D,R(8)	E(2)	I	I
05560500	Farm Creek at Farmdale, Ill.	27.4	1949	G,D(8)	-	I	I
05561500	Fondulac Creek near East Peoria, Ill.	5.54	1948	G,R(8)	-	I	I
05563000	Kickapoo Creek near Kickapoo, Ill.	119	1945	D(8)	-	L	I
05563500	Kickapoo Creek at Peoria, Ill.	297	1942	D(8)	-	L	I
05563600	Illinois River at Lock and Dam at Peoria, Ill.	14,550	-	(2)	-	-	K
05567000	Panther Creek near El Paso, Ill.	93.9	1950	D(8)	-	L	I
05567500	Mackinaw River near Congerville, Ill.	767	1945	G,T(8)	F(10)	I	I
05568000	Mackinaw River near Green Valley, Ill.	1,089	1921	D,T(8)	-	L	I
05568500	Illinois River at Kingston Mines, Ill. (base gage)	15,819	1940	G(8)	-	I	I
05568500	Illinois River below Copperas Creek, Ill. (auxiliary gage)	-	1939	(8)	S(2)	-	-
05568800	Indian Creek near Wyoming, Ill.	62.7	1960	G,T(8)	-	I	I
05569500	Spoon River at London Mills, Ill.	1,072	1943	G,T(8)	C(10)	I	I
05570000	Spoon River at Seville, Ill.	1,636	1914	G,T,D(8)	F(10)	I	I
05570350	Big Creek at St. David, Ill.	28.0	1972	G,T(8)	-	I	I
05570360	Evelyn Branch near Bryant, Ill.	5.78	1972	G,R(8)	-	I	I
05570370	Big Creek near Bryant, Ill.	41.2	1972	G,R(8)	-	I	I
05570380	Slug Run near Bryant, Ill.	7.12	1975	G,T(8)	-	I	I
05570500	Illinois River at Havana, Ill. (Reactivated)	18,299	1985	G,H,D,R(8)	E(2)	I	I
05570910	Sangamon River at Fisher, Ill.	240	1979	G,T(8)	-	I	I
05572000	Sangamon River at Monticello, Ill.	550	1908	G,T(8)	F(10)	I	I
05573540	Sangamon River at Route 48 at Decatur, Ill.	938	1983	G,T(8)	S(18)	I	I
05575500	South Fork Sangamon River at Kincaid, Ill.	562	1917	D,T(8)	-	L	I

05575800	Horse Creek at Pawnee, Ill.	52.2	1968	G,T(8)	-	I
05576000	South Fork Sangamon River near Rochester, Ill.	867	1949	G,T(8)	S(13)	I
05576500	Sangamon River at Riverton, Ill.	2,618	1908	D,T(8)	-	I
05577500	Spring Creek at Springfield, Ill.	107	1948	G,T(8)	-	I
05578500	Salt Creek near Rowell, Ill.	335	1943	G,T(8)	-	I
05579500	Lake Fork near Cornland, Ill.	214	1948	G,T(8)	-	I
05580000	Kickapoo Creek at Waynesville, Ill.	227	1948	G,D,T(8)	-	I
05580500	Kickapoo Creek near Lincoln, Ill.	306	1945	D(8)	-	I
05580950	Sugar Creek near Bloomington, Ill.	34.4	1975	G,D,R(8)	-	I
05581500	Sugar Creek near Hartsburg, Ill.	333	1945	D,T(8)	-	I
05582000	Salt Creek near Greenview, Ill.	1,804	1942	G,T(8)	F(10)	I
05583000	Sangamon River near Oakford, Ill.	5,093	1910	G,R,T(8)	E(2)	I
05584400	Drowning Fork at Bushnell, Ill.	26.3	1960	D,T(8)	-	I
05584500	La Moine River at Colmar, Ill.	655	1945	G,D,T(8)	C(10)	I
05585000	La Moine River at Ripley, Ill.	1,293	1921	G,B,D,T(8)	E(2)	I
05585100	Illinois River at Lock and Dam at La Grange, Ill.	25,648	-	(3)	-	K
05585500	Illinois River at Meredosia, Ill.	26,028	1939	G,R,T(8)	E(3)	I
05586000	North Fork Mauvaise Terre Creek near Jacksonville, Ill.	29.1	1950	D,T(8)	-	I
05586100	Illinois River at Valley City, Ill.	26,564	1979	G,T(8)	-	-
05586500	Hurricane Creek near Roodhouse, Ill.	2.30	1951	D(8)	-	I
05587000	Macoupin Creek near Kane, Ill.	868	1921	G,T(8)	-	I
41390087335601	Calumet R at O'Brien Lock Downstream	-	1965	(19)	-	-
413918087341401	Calumet R at O'Brien Lock Upstream	-	1965	(19)	-	-
414105087391301	Calumet Sag Channel A Sag Junction	418	1957	(19)	-	-
413821087393701	L Calumet R at Ashland Ave	244	1965	(19)	-	-
415824087422201	NB Chicago R at Albany Ave	109	1965	(19)	-	-
4158050874222501	NB Chicago R at Lawrence Ave Pmp St	150	1930	(19)	-	-
415319088180001	Fox R at Geneva, Ill.	1,580	1961	(13)	-	-
414348088202001	Fox R at Montgomery, Ill.	1,660	1932	(13)	-	-
415945088173701	Fox R at S Elgin, Ill.	1,500	1958	(13)	-	-
413832088263701	Fox R at Yorkville, Ill.	1,740	1946	(13)	-	-
413123088040001	Hickory C at Joliet, Ill. Miller St	-	1948	(13)	-	K
-	Hickory Creek near Mokena, Ill.	-	1977	(13)	-	-
404735087421701	Iroquois River near Watseka, Ill.	-	1968	(13)	-	-
404751087453001	Iroquois River near Watseka, Ill.	-	1968	(13)	-	-
413628087355301	L Calumet R at S Holland, Ill.	-	1947	(13)	-	K
-	Marley Creek near Marley, Ill.	-	1981	(13)	-	-
415040087504201	Salt C at N Riverside, Ill.	-	1962	(13)	S(13)	K
395219089395001	Sangamon R at Andrew, Ill.	-	1965	(13)	-	K
394925088572801	Sangamon R at Decatur, Ill.	925	1974	(13)	S(13)	I

Table 4.--Active streamflow and telemetry stations in the Illinois River basin--Continued

Station No.	Station name	Drainage area (mi ²)	Begin water year	Equipment and data source ¹		Frequency of data collection ²	
				Stream-flow	Telemetry	Daily flow	Peak flow
395036089321401	Sangamon R at Riverton, Ill.	-	1974	(13)	S(13)	-	K
413206088035101	Spring C at Joliet, Ill. Abes St	-	1948	(13)	-	-	K
413141088040001	Spring C at Joliet, Ill. Cass St	-	1948	(13)	-	-	K
413154088013401	Spring C at Joliet, Ill. Irving St	-	1948	(13)	-	-	K
-	W. Br. Du Page River Ogden Ave. Rte. 34, Ill.	-	1975	(13)	-	I	-
404018089300401	Farm C near E Peoria, Ill.	26.5	1952	(2)	-	I	-
404055089313001	Fondulac C near E Peoria, Ill.	5.4	1950	(2)	-	I	-
I F56	Illinois R at Florence, Ill.	26,160	1930	(3)	-	-	K
I H21	Illinois R at Hardin, Ill.	28,070	1878	(3)	-	-	K
I M70	Illinois R at Meredosia, Ill.	25,300	1878	(3)	-	I	-
I P43	Illinois R at Pearl, Ill.	26,475	1878	(3)	-	-	K
IVC61	Illinois R at Valley City, Ill.	26,070	1878	(3)	-	-	K
11-0492-6	Beardstown, Ill. on Illinois River	-	1878	(10)	-	-	K
11-3940-4	Havana Pwr, Ill. on Illinois River	-	1878	(10)	-	-	K
11-4923-1	La Salle Pwr, Ill. on Illinois River	-	1867	(10)	-	-	K
11-6701-N	Peoria Franklin St Ill on Illinois R	-	1867	(10)	-	-	K

- ¹
- A - Acoustical velocity meter
 - B - Analog recorder
 - C - Binary digital transmitter with memory (BDT)
 - D - Crest-stage gage
 - E - Data-collection platform (DCP)
 - F - Device for automatic remote data collection (DARDC)
 - G - Digital recorder
 - H - Electromagnetic velocity meter
 - R - Staff gage
 - S - Telemark
 - T - Wire-weight gage
 - 1 - U.S. Army Corps of Engineers, Chicago District
 - 2 - U.S. Army Corps of Engineers, Rock Island District
 - 3 - U.S. Army Corps of Engineers, St. Louis District
 - 8 - U.S. Geological Survey
 - 10 - U.S. National Weather Service
 - 13 - Illinois Division of Water Resources
 - 18 - City of Decatur
 - 19 - Metropolitan Sanitary District of Greater Chicago
- ²
- I - Collected on a year round basis
 - K - Collection frequency not specified
 - L - Collection activity eliminated

Table 5.--Discontinued streamflow stations in the Illinois River basin

[Dash indicates no data or data not provided; footnotes are at end of table]

Station No.	Station name	Drainage area (mi ²)	Period of record (water year)		Frequency of data collection ¹		Data source ²
			Begin	End	Daily flow	Peak flow	
05514900	Silver Lake near Rolling Prairie, Ind.	1.72	1945	1967	-	K	8
05515100	Little Kankakee River near Mill Creek, Ind.	33.8	1961	1972	-	K	8
05515215	Potato Creek Tributary near North Liberty, Ind.	-	1972	1975	-	K	8
05515216	Potato Creek Tributary near North Liberty, Ind.	5.0	1975	1980	-	K	8
05515218	Potato Creek at North Liberty, Ind.	27.0	1972	1980	-	K	8
05516000	Yellow River near Bremen, Ind.	135	1955	1973	L	I	8
05516150	Walt Kimble ditch near Lapaz, Ind.	1.50	1972	1982	-	K	8
05516300	Dausman ditch near Bremen, Ind.	53.4	1956	1971	-	K	8
05516600	Pretty Lake near Plymouth, Ind.	0.85	1954	1967	-	K	8
05516900	Eagle Lake near Ober, Ind.	25.5	1945	1953	K	-	8
05517400	West Arm Payne ditch near North Judson, Ind.	2.58	1972	1982	-	K	8
05517550	Reeves ditch near La Crosse, Ind.	44.1	1961	1972	-	K	8
05518500	Singleton ditch near Hebron, Ind.	31.8	1948	1951	J	-	8
05518600	Bryant ditch near Dinwiddie, Ind.	-	1972	1980	-	K	8
05519500	West Creek near Schneider, Ind.	54.7	1947	1972	J	L	8
05520000	Singleton ditch at Illinois, Ill.	220	1943	1977	J	I	8
05520230	Trim Creek near Beecher, Ill.	15.2	1965	1970	-	K	8
05521200	Oliver ditch near Medartville, Ind.	5.0	1935	1941	K	-	8
05521500	Oliver ditch near Aix, Ind.	66.3	1947	1951	J	-	8
05523500	Slough Creek near Collegeville, Ind.	83.7	1947	1981	I	I	8
05524000	Carpenter Creek at Egypt, Ind.	44.8	1947	1981	I	I	8
05524300	Yoemen ditch Tributary near Rennselaer, Ind.	0.57	1972	1981	-	K	8
05524650	Clark ditch Tributary near Morocco, Ind.	-	1972	1980	-	K	8
05524700	Talley ditch near Kentland, Ind.	4.0	1972	1982	-	K	8
05525050	Eastburn Hollow near Sheldon, Ill.	10.2	1956	1972	-	I	8
05525100	Iroquois River at Watseka, Ill.	738	1956	1956	K	K	8
05525400	Gretencord ditch near Free, Ind.	-	1972	1980	-	K	8
05525550	Spring Creek Tributary near Roberts, Ill.	1.18	1960	1970	-	K	8
05525800	Rimer-Houseworth ditch near Morocco, Ind.	15.3	1948	1954	K	-	8
05526070	Exline Slough near Manteno, Ill.	17.4	1965	1970	-	K	8

Table 5.--Discontinued streamflow stations in the Illinois River basin--Continued

Station No.	Station name	Drainage area (mi ²)	Period of record (water year)		Frequency of data collection ¹		Data source ²
			Begin	End	Daily flow	Peak flow	
05526150	Kankakee River Tributary near Bourbonnais, Ill.	0.19	1956	1980	-	I	8
05526270	Rock Creek near Deselm, Ill.	34.8	1965	1970	-	K	8
05526275	South Branch Rock Creek near Peotone, Ill.	8.72	1965	1970	-	K	8
05526500	Terry Creek near Custer Park, Ill.	12.1	1949	1975	J	I	8
05527000	Kankakee River at Custer Park, Ill.	4,870	1915	1933	J	-	8
05527020	Forked Creek near Andres, Ill.	12.8	1962	1970	-	K	8
05527033	Forked Creek near Symerton, Ill.	50.8	1961	1970	-	K	8
05527044	Forked Creek near Ballou, Ill.	106	1965	1970	-	K	8
05527050	Prairie Creek near Frankfort, Ill.	0.80	1956	1972	-	I	8
05527250	Prairie Creek at Manhattan, Ill.	21.8	1962	1970	-	K	8
05527840	Des Plaines River at Wadsworth, Ill.	145	1962	1976	-	I	8
05527870	Mill Creek at Wedges Corner, Ill.	18.2	1962	1976	-	K	8
05527900	North Mill Creek at Hickory Corners, Ill.	21.4	1962	1976	-	K	8
05527950	Mill Creek at Old Mill Creek, Ill.	60.9	1962	1976	-	K	8
05528170	Diamond Lake Drain at Mundelein, Ill.	2.57	1961	1976	-	I	8
05528400	Des Plaines River at Wheeling, Ill.	325	1961	1977	-	I	8
05530500	Willow Creek near Park Ridge, Ill.	19.7	1950	1958	J	L	8
05530800	Des Plaines River at Forest Park, Ill.	475	1954	1976	-	I	8
05531000	Salt Creek near Arlington Heights, Ill.	32.1	1950	1973	J	L	8
05531100	Meacham Creek at Medinah, Ill.	3.94	1956	1979	-	I	8
05531200	Salt Creek at Addison, Ill.	83.7	1961	1976	-	I	8
05531400	Salt Creek near Westchester, Ill.	103	1953	1958	-	K	8
05533300	Wards Creek near Woodridge, Ill.	3.21	1962	1976	-	I	8
05533500	Des Plaines River at Lemont, Ill.	684	1915	1944	J	L	8
05534900	Skokie River at Lake Bluff, Ill.	8.17	1962	1976	-	K	8
05536154	Plum Creek at Goodenow, Ill.	9.17	1962	1970	-	K	8
05536170	Klemme Creek at Kreitzburg, Ind.	5.98	1965	1970	-	K	8
05536178	Plum Creek near Dyer, Ind.	34.8	1965	1977	-	K	8
05536210	Thorn Creek near Chicago Heights, Ill.	17.2	1962	1979	I	I	8
05536222	Deer Creek at Steger, Ill.	7.05	1962	1970	-	K	8
05536270	North Creek near Lansing, Ill.	16.8	1948	1979	I	I	8
05536325	Little Calumet River at Harvey, Ill.	252	1917	1933	J	L	8
05536550	Stony Creek (West) Tributary at Oak Lawn, Ill.	3.00	1976	1979	-	I	8
05536620	Mill Creek near Palos Park, Ill.	6.39	1962	1977	-	I	8
05538000	Des Plaines River at Joliet, Ill.	1,503	1915	1932	J	L	8

05538230	Hickory Creek at Frankfort, Ill.	38.0	1962	1970	-	K	8
05538400	Hickory Creek at New Lenox, Ill.	75.3	1961	1970	-	K	8
05538500	Spring Creek at Joliet, Ill.	19.6	1925	1934	J	L	8
05539300	Sugar Run near Joliet, Ill.	5.27	1965	1970	-	K	8
05539490	Cedar Creek near Millsdale, Ill.	12.9	1965	1970	-	K	8
05539580	Jackson Branch at New Lenox, Ill.	4.06	1962	1970	-	K	8
05539870	West Branch Du Page River at Ontarioville, Ill.	10.1	1961	1979	-	I	8
05539950	Klein Creek at Carol Stream, Ill.	8.81	1961	1979	-	I	8
05540060	Kress Creek at West Chicago, Ill.	18.1	1961	1980	-	K	8
05540080	Spring Brook at Wheaton, Ill.	2.10	1961	1979	-	I	8
05540100	West Branch Du Page River at Warrenville, Ill.	90.7	1961	1976	-	K	8
05540140	East Branch Du Page River near Bloomingdale, Ill.	2.47	1961	1979	-	I	8
05540150	East Branch Du Page River at Glen Ellyn, Ill.	13.6	1961	1980	-	K	8
05540190	St. Joseph Creek at Belmont, Ill.	8.80	1961	1979	-	I	8
05540280	Spring Brook near Naperville, Ill.	12.3	1962	1970	-	K	8
05540290	Du Page River near Naperville, Ill.	220	1962	1970	-	K	8
05540360	Lily Cache Creek near Romeoville, Ill.	8.99	1962	1970	-	K	8
05540650	Rock Run at US 52 near Shorewood, Ill.	9.24	1962	1970	-	K	8
05541000	Des Plaines River above Kankakee River near Channahon, Ill.	2,093	1903	1903	J	-	8
05541510	Illinois River near Minooka, Ill.	7,279	1903	1904	K	K	8
05541710	Aux Sable Creek near Morris, Ill.	172	1958	1958	K	-	8
05541750	Mazon River Tributary near Gardner, Ill.	4.52	1959	1980	-	I	8
05544000	Fox River near Mukwonago, Wis.	231	1927	1930	J	-	8
05544300	Mukwonago River Tributary near Mukwonago, Wis.	1.32	1959	1980	-	I	8
05545300	White River near Burlington, Wis.	110	1957	1982	I	I	8
05547190	Sequoit Creek near Antioch, Ill.	10.0	1973	1973	K	-	8
05547210	Sequoit Creek at Highview Drive at Antioch, Ill.	13.7	1975	1976	K	-	8
05547300	Lake Marie Outlet at Channel Lake, Ill.	-	1975	1975	K	-	8
05547350	Grass Lake Outlet at Lotus Woods, Ill.	-	1974	1975	K	-	8
05547400	Bluff Lake Outlet near Loon Lake, Ill.	-	1974	1975	K	-	8
05547750	Squaw Creek at Round Lake Park, Ill.	16.8	1962	1976	-	K	8
05547800	Squaw Creek at Long Lake, Ill.	24.4	1962	1976	-	K	8
05547820	Squaw Creek Tributary at Round Lake Beach, Ill.	8.10	1973	1973	K	-	8
05547860	Squaw Creek at Ingleside, Ill.	38.5	1973	1973	K	-	8
05547870	Squaw Creek at Fox Lake, Ill.	38.6	1975	1976	K	-	8
05548100	Nippersink Creek at Greenwood, Ill.	83.2	1978	1979	-	K	8
05548300	Nippersink Creek at Spring Grove, Ill.	199	1961	1969	-	K	8
05548430	Lily Lake Drain at mouth near Johnsburg, Ill.	7.09	1973	1973	K	-	8
05549700	Mutton Creek at Island Lake, Ill.	10.8	1962	1976	-	K	8
05549805	Slocum Lake Inlet near Wauconda, Ill.	7.07	1973	1973	K	-	8

Table 5.--Discontinued streamflow stations in the Illinois River basin--Continued

Station No.	Station name	Drainage area (mi ²)	Period of record (water year)		Frequency of data collection ¹		Data source ²
			Begin	End	Daily flow	Peak flow	
05549810	Slocum Lake Outlet at Williams Park, Ill.	8.74	1973	1973	K	-	8
05549850	Flint Creek near Fox River Grove, Ill.	37.0	1961	1976	-	I	8
05549890	Spring Creek at Fox River Grove, Ill.	24.8	1978	1979	-	I	8
05549900	Fox River Tributary near Cary, Ill.	0.07	1956	1980	-	I	8
05550240	Pingree Creek near Udina, Ill.	8.36	1977	1980	-	K	8
05550450	Poplar Creek near Ontarioville, Ill.	16.7	1961	1977	-	I	8
05551000	Fox River at South Elgin, Ill.	1,556	1914	1962	K	-	8
05551030	Brewster Creek at Valley View, Ill.	14.0	1962	1979	-	K	8
05551530	Indian Creek at Aurora, Ill.	16.7	1961	1979	-	K	8
05551535	Fox River below Hurds Island at Aurora, Ill.	1,726	1975	1975	K	-	8
05551650	Lake Run Tributary near Batavia, Ill.	2.11	1960	1976	-	I	8
05551800	Fox River Tributary No. 2 near Fox, Ill.	0.45	1960	1980	-	I	8
05551900	East Branch Big Rock Creek near Big Rock, Ill.	32.6	1964	1979	-	K	8
05551930	Welch Creek near Big Rock, Ill.	22.1	1964	1980	-	K	8
05552000	Fox River at Sheridan, Ill.	2,255	1905	1906	K	-	8
05553500	Illinois River at Ottawa, Ill.	10,949	1903	1904	J	-	8
05554200	South Fork Vermillion River at Forrest, Ill.	64.8	1943	1943	K	-	8
05554600	Mud Creek Tributary near Odell, Ill.	0.16	1959	1976	-	I	8
05555000	Vermillion River at Streator, Ill.	1,084	1914	1930	I	I	8
05555400	Vermillion River Tributary at Lowell, Ill.	0.14	1956	1976	-	I	8
05555775	Vermillion Creek Tributary at Meriden, Ill.	0.36	1958	1972	-	I	8
05557100	West Bureau Creek Tributary near Wyanet, Ill.	0.33	1956	1980	-	I	8
05558000	Big Bureau Creek at Bureau, Ill.	485	1941	1951	J	L	8
05558050	Coffee Creek Tributary near Florid, Ill.	0.03	1956	1976	-	I	8
05558075	Coffee Creek Tributary near Hennepin, Ill.	0.22	1956	1980	-	I	8
05558500	Crow Creek (West) near Henry, Ill.	56.2	1949	1982	L	I	8
05559000	Gimlet Creek at Sparland, Ill.	5.66	1946	1982	L	I	8
05559500	Crow Creek near Washburn, Ill.	115	1945	1982	L	I	8
05560000	Illinois River at Peoria, Ill.	14,165	1903	1939	J	L	8
05561000	Ackerman Creek at Farmdale, Ill.	11.2	1954	1980	I	I	8
05562000	Farm Creek at East Peoria, Ill.	61.2	1943	1980	I	I	8
05563100	Kickapoo Creek Tributary near Kickapoo, Ill.	0.07	1956	1980	-	I	8
05564400	Money Creek near Towanda, Ill.	49.0	1958	1982	I	I	8
05564500	Money Creek above Lake Bloomington, Ill.	53.1	1933	1958	J	L	8
05565000	Hickory Creek above Lake Bloomington, Ill.	9.81	1939	1958	J	L	8

05565500	Money Creek at Lake Bloomington, Ill.	69.1	1931	1958	J	-	8
05566000	East Branch Panther Creek near Gridley, Ill.	6.30	1950	1972	J	L	8
05566500	East Branch Panther Creek at El Paso, Ill.	30.5	1950	1982	I	I	8
05567800	Indian Creek Tributary near Hopedale, Ill.	0.98	1960	1971	-	I	8
05568600	Copperas Creek Tributary at Banner, Ill.	0.39	1956	1964	-	I	8
05568650	Duck Creek near Canton, Ill.	0.49	1956	1972	-	I	8
05568660	Duck Creek near Liverpool, Ill.	20.0	1973	1975	K	-	8
05568850	Forman Creek Tributary near Victorla, Ill.	1.00	1960	1976	-	I	8
05569000	Brush Creek at Lake Bracken near Galesburg, Ill.	9.11	1932	1958	K	-	8
05569825	Cedar Creek Tributary at St. Augustine, Ill.	4.06	1956	1980	-	I	8
05569968	Turkey Creek near Piatt, Ill.	11.5	1978	1980	I	-	8
05570330	West Branch Big Creek near Canton, Ill.	4.31	1978	1980	I	-	8
05570500	Illinois River at Havana, Ill.	18,299	1922	1927	J	L	8
05570900	Sangamon River near Fisher, Ill.	237	1967	1970	-	K	8
05571000	Sangamon River at Mahomet, Ill.	362	1948	1978	I	-	8
05571500	Goose Creek near De Land, Ill.	47.9	1951	1959	I	-	8
05572100	Wildcat Creek Tributary near Monticello, Ill.	0.10	1955	1976	-	I	8
05572450	Friends Creek at Argenta, Ill.	111	1967	1982	I	I	8
05572500	Sangamon River near Oakley, Ill.	774	1951	1977	L	I	8
05573250	Big Creek Tributary at Hervey City, Ill.	1.72	1959	1972	-	I	8
05573500	Sangamon River at Lake Decatur, Ill.	925	1949	1951	J	-	8
05573750	Sangamon River Tributary No. 2 near Roby, Ill.	0.29	1961	1967	-	K	8
05574000	South Fork Sangamon River near Nokomis, Ill.	11.0	1951	1975	I	I	8
05574500	Flat Branch near Taylorville, Ill.	276	1949	1982	I	I	8
05575000	South Fork Sangamon River near Taylorville, Ill.	434	1908	1917	J	-	8
05575830	Brush Creek near Divernon, Ill.	32.4	1974	1982	I	I	8
05577520	Spring Creek Tributary at Springfield, Ill.	1.27	1971	1976	-	I	8
05577700	Sangamon River Tributary at Andrew, Ill.	1.50	1956	1980	-	I	8
05578000	Sangamon River at Petersburg, Ill.	3,063	1948	1949	J	K	8
05579000	Salt Creek near Kenney, Ill.	390	1908	1912	J	-	8
05579750	Kickapoo Creek Tributary at Heyworth, Ill.	3.06	1956	1973	-	I	8
05580700	Salt Creek Tributary at Middletown, Ill.	0.90	1961	1976	-	I	8
05580760	Sugar Creek below Franklin Avenue at Normal, Ill.	9.71	1975	1978	-	K	8
05580800	North Branch Sugar Creek Tributary at railroad at Normal, Ill.	1.50	1971	1974	-	K	8
05580810	North Branch Sugar Creek at Normal, Ill.	5.52	1975	1977	-	K	8
05580930	West Slough at Bloomington, Ill.	3.22	1975	1977	-	K	8
05581000	Sugar Creek near Armington, Ill.	314	1948	1949	J	-	8
05582200	Cabiness Creek Tributary near Petersburg, Ill.	0.94	1956	1976	-	I	8
05582500	Crane Creek near Easton, Ill.	26.5	1950	1982	L	I	8
05583950	Muscooten Bay Tributary near Bluff Springs, Ill.	2.42	1961	1970	-	K	8

Table 5.--Discontinued streamflow stations in the Illinois River basin--Continued

Station No.	Station name	Drainage area (mi ²)	Period of record (water year)		Frequency of data collection ¹		Data source ²
			Begin	End	Daily flow	Peak flow	
05584000	Illinois River at Beardstown, Ill.	24,227	1921	1938	J	-	8
05584450	Wigwam Hollow Creek near Macomb, Ill.	0.60	1960	1976	-	I	8
05584680	Grindstone Creek near Industry, Ill.	35.5	1981	1981	I	I	8
05584682	Grindstone Creek Tributary No. 2 near Doddsville, Ill.	0.17	1982	1983	I	I	8
05584683	Grindstone Creek Tributary near Doddsville, Ill.	0.22	1981	1982	K	-	8
05584685	Grindstone Creek near Birmingham, Ill.	46.5	1981	1981	I	I	8
05584950	West Creek at Mount Sterling, Ill.	2.16	1960	1972	-	I	8
05585220	Indian Creek Tributary near Sinclair, Ill.	3.58	1956	1980	-	I	8
05585700	Dry Fork Tributary near Mount Sterling, Ill.	0.15	1956	1976	-	I	8
05586200	Illinois River Tributary at Florence, Ill.	0.49	1956	1980	-	I	8
05586350	Little Sandy Creek Tributary near Murrayville, Ill.	1.82	1960	1972	-	I	8
05586450	Illinois River at Pearl, Ill.	27,136	1927	1927	K	-	8
05586595	Seminary Creek near White Hall, Ill.	16.1	1943	1943	K	-	8
05586660	Honey Creek near Carlinville, Ill.	14.5	1963	1966	-	K	8
05586665	Honey Creek below Carlinville, Ill.	25.4	1943	1943	K	-	8
05586800	Otter Creek near Palmyra, Ill.	61.1	1960	1980	I	I	8
05586815	Nassa Creek below Palmyra, Ill.	25.6	1943	1943	K	K	8
05586850	Bear Creek Tributary near Readers, Ill.	0.02	1956	1980	-	I	8
415302088033801	Main Inlet of Lake Ellyn at Glen Ellyn, Ill.	-	1979	1982	I	-	8
415311088032902	Submerged Outlet of Lake Ellyn at Glen Ellyn, Ill.	-	1979	1982	I	-	8
415311088032903	Surface Outlet of Lake Ellyn at Glen Ellyn, Ill.	-	1979	1982	I	-	8
413215088050001	Des Plaines R at Ruby St Joliet, Ill.	1,452	1960	1972	-	K	19
414700087413301	Des Plaines R at Stevens St Lemont, Ill.	691	1961	1972	I	-	19
415615087413301	NB Chicago R at Belmont Ave, Ill.	160	1950	1968	-	K	19
414238088073301	EB Du Page River near Naperville, Ill.	72.0	1959	1976	I	-	13
-	Fox River Aurora, Ill.	-	1947	1979	I	-	13
413128088035101	Hickory Creek at Joliet, Ill.	-	1948	1960	-	K	13
403115088041101	Hickory Creek at Joliet, Ill. 2nd Ave	-	1948	1960	-	K	13
413102088041101	Hickory Creek at Joliet, Ill. 3rd Ave	-	1948	1960	-	K	13
413053088042801	Hickory Creek at Joliet, Ill. 4th Ave	-	1948	1960	-	K	13
413035088045201	Hickory Creek at Joliet, Ill. AT&SPRR	-	1948	1960	-	K	13
413034088045301	Hickory Creek at Joliet, Ill. Chicago Ave	-	1948	1960	-	K	13
413128088032201	Hickory Creek at Joliet, Ill. EJE RR	-	1948	1960	-	K	13
413036088041101	Hickory Creek at Joliet, Ill. Gardner St	-	1948	1960	-	K	13
413028088050101	Hickory Creek at Joliet, Ill. Joliet St	-	1948	1960	-	K	13

41313008034401	Hickory Creek at Joliet, Ill. NYC RR	-	1948	1960	-	K	13
41303908044601	Hickory Creek at Joliet, Ill. Richards St	-	1948	1960	-	K	13
413153088015601	Hickory Creek at Ridgewood, Ill.	-	1948	1960	-	K	13
41314708020301	Hickory Creek at Ridgewood, Ill. Cass St	-	1948	1960	-	K	13
394141089461301	Lick C near Curran, Ill.	97.0	1947	1978	I	-	13
413505087314901	Little Calumet River at Bernice, Ill. Burnham	-	1947	1960	-	K	13
413515087322101	Little Calumet River at Bernice, Ill. Penn RR	-	1947	1960	-	K	13
413855087400801	Little Calumet River at Blue Island, Ill.	-	1947	1960	-	K	13
413535087325501	Little Calumet River at Calumet City, Ill.	-	1947	1960	-	K	13
413542087335401	Little Calumet River at Calumet City, Ill.	-	1947	1960	-	K	13
413542087335401	Little Calumet River at Calumet City, Ill.	-	1947	1960	-	K	13
413657087365901	L Calumet River at Harvey, Ill.	-	1947	1960	-	K	13
413725087373201	L Calumet River at Harvey, Ill.	-	1947	1960	-	K	13
413737087380701	L Calumet River at Harvey, Ill.	-	1947	1960	-	K	13
413748087373101	L Calumet River at Harvey, Ill.	-	1947	1960	-	K	13
413624087364901	L Calumet River at South Holland, Ill.	-	1947	1960	-	K	13
413629087364201	L Calumet River at S Holland, Ill. C&NRR	-	1947	1960	-	K	13
420407087462901	MF NB Chicago River at Glenview, Ill.	-	1954	1967	-	K	13
420320087462901	MF NB Chicago River at Golf, Ill.	-	1954	1967	-	K	13
420701087471601	MF NB Chicago River at Northbrook, Ill.	-	1954	1967	-	K	13
420718087472101	MF NB Chicago River at Northbrook, Ill.	-	1954	1967	-	K	13
420815087482701	MF NB Chicago River at Northbrook, Ill.	-	1954	1967	-	K	13
420817087485601	MF NB Chicago River at Northbrook, Ill.	-	1954	1967	-	K	13
420447087484101	MF NB Chicago River at Northfield, Ill.	-	1954	1967	-	K	13
420539087461601	MF NB Chicago River at Northfield, Ill.	-	1954	1967	-	K	13
420606087462601	MF NB Chicago River at Northfield, Ill.	-	1954	1967	-	K	13
420619087464201	MF NB Chicago River at Northfield, Ill.	-	1954	1967	-	K	13
420639087465501	MF NB Chicago River at Northfield, Ill.	-	1954	1967	-	K	13
420658087470801	MF NB Chicago River at Northfield, Ill.	-	1954	1967	-	K	13
420912087491001	MF NB Chicago River at Woodridge, Ill.	-	1954	1967	-	K	13
421112089022201	Pecumsagan Creek near Utica, Ill.	32.0	1951	1975	I	-	13
415630087590701	Salt Creek at Addison, Ill. Golf Course	-	1952	1974	-	K	13
415327087575001	Salt Creek at Addison, Ill. Lake St	-	1952	1974	-	K	13
420445088035501	Salt Creek at Arlington Heights, Ill.	-	1952	1974	-	K	13
414927087501001	Salt Creek at Brookfield, Ill.	-	1962	1974	-	K	13
414924087502701	Salt Creek at Brookfield, Ill. Brkfld Ave	-	1952	1974	-	K	13
414941087503201	Salt Creek at Brookfield, Ill. Monroe St	-	1952	1974	-	K	13
415005087502701	Salt Creek at Brookfield, Ill. Washington	-	1952	1974	-	K	13
415154087565901	Salt Creek at Elmhurst, Ill.	-	1952	1974	-	K	13
415323087574201	Salt Creek at Elmhurst, Ill. North Ave	-	1952	1974	-	K	13
415111087555801	Salt Creek at Elmhurst, Ill. St Rt 56	-	1952	1974	-	K	13
415138087565301	Salt Creek at Elmhurst, Ill. St Rt 83	-	1952	1974	-	K	13
414914087553601	Salt Creek at Hindsdale, Ill. York Road	-	1952	1974	-	K	13
415039087451201	Salt Creek at LaGrange Park, Ill. 31st St	-	1952	1974	-	K	13
415044087510601	Salt Creek at N Riverside, Ill. Maple Ave	-	1952	1974	-	K	13

Table 5.--Discontinued streamflow stations in the Illinois River basin--Continued

Station No.	Station name	Drainage area (mi ²)	Period of record (water year)		Frequency of data collection ¹		Data source ²
			Begin	End	Daily flow	Peak flow	
42063608032601	Salt Creek at Palatine, Ill. Kirchoff Road	-	1952	1974	-	K	13
415047087515401	Salt Creek at Riverside Woods, Ill.	-	1952	1974	-	K	13
415310087573501	Salt Creek at Villa Park, Ill. C&NW RY	-	1952	1974	-	K	13
415805087584801	Salt Creek at Wood Dale, Ill.	-	1952	1974	-	K	13
415904087592401	Salt Creek at Wood Dale, Ill. CMST&P	-	1952	1974	-	K	13
415933087584101	Salt Creek at Wood Dale, Ill. Devon Ave	-	1952	1974	-	K	13
415750087584801	Salt Creek at Wood Dale, Ill. St Rt 19	-	1952	1974	-	K	13
415048087561601	Salt Creek near Elmhurst, Ill. US Alt 30	-	1952	1974	-	K	13
414956087561401	Salt Creek near Hinsdale, Ill. 31st St	-	1952	1974	-	K	13
40005088383001	Sangamon River Allerton Park, Ill.	-	1972	1976	-	K	13
395710088433001	Sangamon River Cerro Gorde Rd Bridge, Ill.	-	1972	1977	-	K	13
413128088040101	Spring Creek at Joliet, Ill. Washington St	-	1948	1960	-	K	13
413206088013401	Spring Creek at Joliet, Ill. Garnsey St	-	1948	1960	-	K	13
393526089431801	Sugar C at Auburn, Ill.	51.0	1947	1979	I	-	13
414309088075001	WB Du Page River near Naperville, Ill.	132	1959	1976	I	-	13
420912087513801	WF NB Chicago River at Deerfield, Ill.	-	1954	1967	-	K	13
420848087480801	WF NB Chicago River at Glenview, Ill.	-	1954	1967	-	K	13
420319087475501	WF NB Chicago River at Morton Grove, Ill.	-	1954	1967	-	K	13
420700087485501	WF NB Chicago River at Northbrook, Ill.	-	1954	1967	-	K	13
420702087485901	WF NB Chicago River at Northbrook, Ill.	-	1954	1967	-	K	13
420736087493001	WF NB Chicago River at Northbrook, Ill.	-	1954	1967	-	K	13
420739087492401	WF NB Chicago River at Northbrook, Ill.	-	1954	1967	-	K	13
420819087500401	WF NB Chicago River at Northbrook, Ill.	-	1954	1967	-	K	13
420619087484801	WF NB Chicago River at Northfield, Ill.	-	1954	1967	-	K	13
00005230	Starved Rock, Ill.	-	1977	1978	I	-	1
00005271	Dresden Island, Ill.	-	1977	1978	I	-	1

¹ I - Collected on a year round basis

J - Collected on a seasonal basis

K - Collection frequency not specified

L - Collection activity eliminated

² 1 - U.S. Army Corps of Engineers, Chicago District

8 - U.S. Geological Survey

13 - Illinois Division of Water Resources

19 - Metropolitan Sanitary District of Greater Chicago

Table 6.--Active water-quality stations in the Illinois River basin

[Dash indicates no data or data not provided; footnotes are at end of table]

Station No.	Station name	Drainage area (mi ²)	Begin water year	Type of data ¹			Data source ²
				Biolog- ical	Phys- ical	Chem- ical	
05520500	Kankakee River at Momence, Ill.	2,294	1975	N	N	N	8
05525000	Iroquois River at Iroquois, Ill.	686	1978	N	N	N	8
05525500	Sugar Creek at Milford, Ill.	446	1978	N	N	N	8
05526000	Iroquois River near Chebanse, Ill.	2,091	1978	N	N	N	8
05527500	Kankakee River near Wilmington, Ill.	5,150	1973	N	N	N	8
05527800	Des Plaines River at Russell, Ill.	123	1978	N	N	N	8
05528000	Des Plaines River near Gurnee, Ill.	232	1977	N	N	N	8
05529000	Des Plaines River near Des Plaines, Ill.	360	1978	N	N	N	8
05530590	Des Plaines River near Schiller Park, Ill.	444	1978	N	N	N	8
05531500	Salt Creek at Western Springs, Ill.	115	1978	N	N	N	8
05532000	Addison Creek at Bellwood, Ill.	17.9	1979	N	N	N	8
05534050	Des Plaines River at Lockport, Ill.	700	1978	N	N	N	8
05534500	North Branch Chicago River at Deerfield, Ill.	19.7	1978	N	N	N	8
05536000	North Branch Chicago River at Niles, Ill.	100	1978	N	N	N	8
05536195	Little Calumet River at Munster, Ind.	90.0	1978	N	N	N	8
05536275	Thorn Creek at Thornton, Ill.	104	1979	N	N	N	8
05536700	Calumet Sag Channel at Sag Bridge, Ill.	389	1978	N	N	N	8
05537000	Chicago Sanitary and Ship Canal (at Lock and Dam) at Lockport, Ill.	740	1978	N	N	N	8
05537980	Des Plaines River at Route 53 at Joliet, Ill.	1,502	1982	N	N	N	8
05539000	Hickory Creek at Joliet, Ill.	107	1979	N	N	N	8
05539900	West Branch Du Page River near West Chicago, Ill.	28.5	1979	N	N	N	8
05540095	West Branch Du Page River near Warrenville, Ill.	90.4	1977	N	N	N	8
05540210	East Branch Du Page River at Route 34 Bridge at Lisle, Ill.	51.4	1978	N	N	N	8
05540290	Du Page River near Naperville, Ill.	220	1978	N	N	N	8
05540500	Du Page River at Shorewood, Ill.	324	1964	N	N	N	8
05541710	Aux Sable Creek near Morris, Ill.	172	1979	N	N	N	8
05542000	Mazon River near Coal City, Ill.	455	1978	N	N	N	8
05543500	Illinois River at Marseilles, Ill.	8,259	1975	N	N	N	8
05543830	Fox River at Waukesha, Wis.	126	1968	-	N	O	8
05544200	Mukwonago River at Mukwonago, Wis.	74.1	1975	-	N	O	8
05546500	Fox River at Wilmet, Wis.	868	1968	-	N	O	8
05546700	Fox River near Channel Lake, Ill.	871	1976	N	N	N	8
05548280	Nippersink Creek near Spring Grove, Ill.	192	1976	N	N	N	8
05549600	Fox River at Burtons Bridge, Ill.	1,278	1979	N	N	N	8
05550000	Fox River at Algonquin, Ill.	1,403	1970	N	N	N	8

Table 6.--Active water-quality stations in the Illinois River basin--Continued

Station No.	Station name	Drainage area (mi ²)	Begin water year	Type of data ¹			Data source ²
				Biological	Physical	Chemical	
05550500	Poplar Creek at Elgin, Ill.	35.2	1977	N	N	N	8
05551000	Fox River at South Elgin, Ill.	1,556	1978	N	N	N	8
05551250	Fox River at Batavia, Ill.	1,662	1968	-	N	N	15
05551540	Fox River at Montgomery, Ill.	1,732	1978	N	N	N	8
05551700	Blackberry Creek near Yorkville, Ill.	70.2	1978	N	N	N	8
05551995	Somonauk Creek at Sheridan, Ill.	83.3	1979	N	N	N	8
05552500	Fox River at Dayton, Ill.	2,642	1978	N	N	N	8
05554490	Vermillion River at McDowell, Ill.	551	1978	N	N	N	8
05555300	Vermillion River near Leonore, Ill.	1,251	1978	N	N	N	8
05555950	Little Vermillion River at La Salle, Ill.	125	1979	N	N	N	8
05556200	Illinois River at Hennepin, Ill.	12,756	1978	N	N	N	8
05556500	Big Bureau Creek at Princeton, Ill.	196	1978	N	N	N	8
05557000	West Bureau Creek at Wyanet, Ill.	86.7	1979	N	N	N	8
05558995	Illinois River at Lacon, Ill.	13,666	1978	N	N	N	8
05559900	Illinois River at Water Company at Peoria, Ill.	13,900	1970	N	N	N	8
05560000	Illinois River at Peoria, Ill.	14,165	1957	N	N	N	15
05562010	Farm Creek at Camp Street Bridge at East Peoria, Ill.	61.3	1979	-	N	N	8
05563525	Kickapoo Creek at Bartonville, Ill.	304	1979	N	N	N	8
05563800	Illinois River at Pekin, Ill.	14,585	1978	N	N	N	8
05567510	Mackinaw River below Congerville, Ill.	776	1978	N	N	N	8
05568005	Mackinaw River below Green Valley, Ill.	1,092	1978	N	N	N	8
05568775	Spoon River near Wyoming, Ill.	197	1979	N	N	N	8
05568800	Indian Creek near Wyoming, Ill.	62.7	1978	N	N	N	8
05568915	Spoon River near Dahinda, Ill.	762	1979	N	N	N	8
05569500	Spoon River at London Mills, Ill.	1,072	1978	-	N	N	8
05570000	Spoon River at Seville, Ill.	1,636	1978	N	N	N	8
05570350	Big Creek at St. David, Ill.	28.0	1972	N	N	N	8
05570360	Evelyn Branch near Bryant, Ill.	5.78	1972	-	N	N	8
05570370	Big Creek near Bryant, Ill.	41.2	1972	N	N	N	8
05570380	Slug Run near Bryant, Ill.	7.12	1975	N	N	N	8
05570520	Illinois River at Power Company at Havana, Ill.	18,300	1978	N	N	N	8
05570910	Sangamon River at Fisher, Ill.	240	1979	N	N	N	8
05572125	Sangamon River at Allerton Park near Monticello, Ill.	573	1979	N	N	N	8
05573504	Sangamon River at Lake Decatur Water Intake at Decatur, Ill.	927	1980	N	N	N	8

05573540	Sangamon River at Route 48 at Decatur, Ill.	938	1979	N	N	8
05573650	Sangamon River near Niantic, Ill.	1,054	1978	N	N	8
05573800	Sangamon River at Roby, Ill.	1,264	1978	N	N	8
05574500	Flat Branch near Taylorville, Ill.	276	1979	N	N	8
05575500	South Fork Sangamon River at Kincaid, Ill.	562	1978	N	N	8
05575570	Sangchris Lake near New City, Ill.	-	1980	N	N	8
05576022	South Fork Sangamon River below Rochester, Ill.	870	1978	N	N	8
05576250	Sugar Creek near Springfield, Ill.	270	1979	N	N	8
05576500	Sangamon River at Riverton, Ill.	2,618	1978	N	N	8
05577505	Spring Creek at Burns Lane Bridge at Springfield, Ill.	109	1979	N	N	8
05578000	Sangamon River at Petersburg, Ill.	3,063	1978	N	N	8
05578500	Salt Creek near Rowell, Ill.	335	1978	N	N	8
05579500	Lake Fork near Cornland, Ill.	214	1978	N	N	8
05580000	Kickapoo Creek at Waynesville, Ill.	227	1978	N	N	8
05580500	Kickapoo Creek near Lincoln, Ill.	306	1978	N	N	8
05581500	Sugar Creek near Hartsburg, Ill.	333	1978	N	N	8
05582000	Salt Creek near Greenview, Ill.	1,804	1978	N	N	8
05583000	Sangamon River near Oakford, Ill.	5,093	1976	N	N	8
05583915	Sugar Creek near Frederick, Ill.	162	1979	-	N	8
05584500	La Moine River at Colmar, Ill.	655	1975	N	N	8
05585000	La Moine River at Ripley, Ill.	1,293	1975	N	N	8
05585275	Indian Creek at Arenzville, Ill.	164	1978	N	N	8
05585830	McKee Creek at Chambersburg, Ill.	341	1979	N	N	8
05586040	Mauvaise Terre Creek near Merritt, Ill.	146	1978	N	N	8
05586100	Illinois River at Valley City, Ill.	26,564	1975	N	N	8
05586600	Apple Creek near Eldred, Ill.	404	1978	-	N	8
05586690	Macoupin Creek near Macoupin, Ill.	304	1979	-	N	8
05587000	Macoupin Creek near Kane, Ill.	868	1978	N	N	8
05587060	Illinois River at Hardin, Ill.	28,690	1973	N	N	8
D 01	Illinois R Rt 100 Br Hardin	-	1959	N	N	12
D 02	Illinois R Rt 104 Br Meredosia	-	1959	N	N	12
D 03	Illinois R US 67 Br Beardstown	-	1959	N	N	12
D 04	Illinois R Rt 97 Br Havana	-	1959	N	N	12
D 05	Illinois R Rt 9 Br Pekin	-	1959	N	N	12
D 09	Illinois R Rt 17 Br at Lacon	-	1959	N	N	12
D 10	Illinois R Rt 47 Br Morris	-	1961	N	N	12
D 14	Illinois R Rice Grain Dk Sprngvall	-	1965	N	N	12
D 15	Illinois R Rt 23 Br Ottawa	-	1965	-	N	12
DA 01	Macoupin C Co Rd Br 8 Mi S Eldred	-	1959	N	N	12
DB 01	Apple C Co Rd 6 Mi N of Eldred	-	1959	N	N	12
DC 01	Big Sandy C Co Rd WNW Glasgow	-	1959	N	N	12
DD 01	Mauvaise Terre C Rt 100 S Bluffs	-	1959	N	N	12
DE 01	McKee C Rt 104 Br Chambersburg	-	1959	N	N	12
DG 01	Lamoine R US 24 Br at Ripley	-	1959	N	N	12
DJ 01	Spoon R Rt 78 97 Br NW of Havana	-	1959	N	N	12

Table 6.--Active water-quality stations in the Illinois River basin--Continued

Station No.	Station name	Drainage area (mi ²)	Begin water year	Type of data ¹			Data source ²
				Biological	Physical	Chemical	
DJ 02	Spoon R US 150 Br Ml E I 74 J6	-	1959	N	N	N	12
DK 02	Mackinaw R US 51 Br McLean Co Line	-	1959	N	N	N	12
DL 01	Kickapoo C US 24 Br N Bartonville	-	1959	N	N	N	12
DL 02	Kickapoo C Co Rd Br Edwards S Rt 8	-	1959	N	N	N	12
DR 01	L Vermillion R US 6 Br LaSalle	-	1968	N	N	N	12
DR 02	L Vermillion R US 52 Br E Troy Grove	-	1978	N	N	N	12
DS 02	Vermillion R Rt 23 Br W of Cornell	-	1959	N	N	N	12
DS 03	Vermillion R Co Rd 6 Mi N Fairbury	-	1959	N	N	N	12
DT 02	Fox R Twp Rd Br W of Sheridan	-	1959	N	N	N	12
DT 03	Fox R US 34 Br Oswego	-	1958	N	N	N	12
DT 04	Fox R Ft Br Upstream Batavia STW	-	1959	N	N	N	12
DT 05	Fox R Rt 72 Main St Br Dundee	-	1958	N	N	N	12
DT 09	Fox R State St Br S Elgin	-	1960	N	N	N	12
DT 11	Fox R Rt 47 Br Yorkville S Channel	-	1964	N	N	N	12
DT 17	Fox R Rt 64 Main St Br St Charles	-	1964	N	N	N	12
DT 21	Fox R Rt 14 Br near Fox River Grove	-	1964	N	N	N	12
DT 23	Fox River Rt 120 Br at McHenry	-	1964	N	N	N	12
DTA 01	Big Indian C Somonauk Rd Wedron	-	1968	N	N	N	12
DTB 01	Somonauk C Twp Rd Br N Sheridan	-	1968	N	N	N	12
DTZS 01	Flint C Kelsey Rd Br L Barrington	-	1966	N	N	N	12
DW 01	Aux Sable C US 6 Br NE of Morris	-	1968	N	N	N	12
E 01	Sangamon R Rt 78 Br N Chandlerlervil	-	1958	N	N	N	12
E 03	Sangamon R Co Rd Br W Greenview	-	1958	N	N	N	12
E 04	Sangamon R Rt 29 Br N Springfield	-	1958	N	N	N	12
E 06	Sangamon R Decatur Water Intake	-	1958	N	N	N	12
E 07	Sangamon R Co Rd Br S of Cisco	-	1958	N	N	N	12
E 08	Sangamon R Rt 10 Br W of Jct I 72	-	1960	N	N	N	12
EI 02	Salt C Rt 29 Br N of Greenview	-	1958	N	N	N	12
EID 01	Sugar C Rt 10 Br E New Holland	-	1960	N	N	N	12
EIE 01	Kickapoo C Co Rd Br W of Lincoln	-	1960	N	N	N	12
F 01	Kankakee R I 55 Br NW Wilmington	-	1959	N	N	N	12
F 03	Kankakee R State Line Rd Br	-	1964	N	N	N	12
FL 02	Iroquois R Br 5 Mi W of St Anne	-	1959	N	N	N	12
G 01	Des Plaines R I 55 Br E Channahon	-	1959	N	N	N	12
G 02	Des Plaines R 135 St Romeoville	-	1959	N	N	N	12

G 03	Des Plaines R Stephens St Lemont	-	1959	N	N	12
G 04	Des Plaines R Rt 83 Argonne Lab	-	1959	N	N	12
G 08	Des Plaines R Russell Nr Wisc Line	-	1959	N	N	12
G 10	Des Plaines R Lake Cook Co Wheeling	-	1964	N	N	12
G 11	Des Plaines R Division St Lockport	-	1964	N	N	12
GB 02	Du Page R New US 6 Br NW Channahon	-	1964	N	N	12
GB 08	Du Page R Renwick Rd Br SW Plainfield	-	1964	N	N	12
GBA 02	Ill Mich Ca US 6 Br Channahon	-	1964	N	N	12
GBK 02	W B Du Page R Washington St S Naperville	-	1964	N	N	12
GBK 05	W B Du Page R Rt 56 Br Warrenville	-	1964	N	N	12
GBK 07	W B Du Page R Gary Mill Rd W Chicago	-	1964	N	N	12
GBK 09	W B Du Page R Rt 64 Br NE W Chicago	-	1964	N	N	12
GBKB 01	Kress C Rt 59 Br S of W Chicago	-	1964	N	N	12
GBKB 03	Kress C Town Line Rd SW W Chicago	-	1968	N	N	12
GBKB 04	Kress C McChesney Rd at W Chicago	-	1968	N	N	12
GBKB 05	Kress C Hawthorn Lane NW W Chicago	-	1968	N	N	12
GBL 05	E B Du Page R Maple Ave Br at Lisle	-	1964	N	N	12
GBL 07	E B Du Page R Rt 56 Br at Rt 53	-	1964	N	N	12
GBL 08	E B Du Page R Rt 38 Br Glen Ellyn	-	1964	N	N	12
GBL 09	E B Du Page R Rt 64 Br Glendale Hts	-	1964	N	N	12
GG 01	Hickory C US 52 53 Br Joliet	-	1968	N	N	12
GG 02	Hickory C Washington St Br Joliet	-	1968	N	N	12
GG 04	Hickory C Gougar Rd Br E of Joliet	-	1968	N	N	12
GG 05	Hickory C Cedar Rd Br New Lenox	-	1968	N	N	12
GG 06	Hickory C Marley Rd NE New Lenox	-	1968	N	N	12
GG 07	Hickory C US 45 Br N of Frankfort	-	1968	N	N	12
GGB 01	Marley C Francis Rd NE New Lenox	-	1968	N	N	12
GH 01	Ill Mich Ca 135TH St Br Romeoville	-	1964	N	N	12
GH 02	Ill Mich Ca Division St Lockport	-	1966	N	N	12
GI 02	San and Ship Can Div St Lockport	-	1964	N	N	12
GL 02	Salt C Rt 56 Br at Elmhurst	-	1959	N	N	12
GL 06	Salt C Devon Ave Br County Line	-	1965	N	N	12
H 01	Cal Sag Ch Rt 83 N of Sag Bridge	-	1965	N	N	12
HB 01	L Calumet R Ashland Ave Br	-	1959	N	N	12
HB 02	L Calumet R Wentworth Ave Br	-	1965	N	N	12
HB 03	L Calumet R US 6 Torrence Ave Br	-	1965	N	N	12
HB 04	L Calumet R US 6 159Th St Br	-	1965	N	N	12
HBD 01	Thorn C 167Th St Br S Holland	-	1958	N	N	12
HBD 02	Thorn C Vincennes Ave Glenwood	-	1965	N	N	12
HBD 03	Thorn C Rt 1 Halsted St Chicago Ht	-	1966	N	N	12
HBD 01	Butterfield C Chi Hts Glenwood Rd	-	1966	N	N	12
HBD 01	Third C Joe Orr Rd Br N Chi Hts	-	1965	N	N	12
HBD 03	Third C US 30 Br Chicago Hts	-	1965	N	N	12
HBD 06	Third C State St 30 IN SWR N US 30	-	1965	N	N	12
HBD 07	Third C State St Box Culvt N US 30	-	1965	N	N	12

Table 6.--Active water-quality stations in the Illinois River basin--Continued

Station No.	Station name	Drainage area (mi ²)	Begin water year	Type of data ¹			Data source ²
				Biolog-ical	Phys-ical	Chem-ical	
HCCB 03	WF NB Chi R Lake Cook Co Line Rd	-	1964	N	N	N	12
HCCD 01	Skokie R Lake Cook Co Line Rd Br	-	1964	N	N	N	12
HCCD 03	Skokie R Winnetka Rd Br Northfield	-	1965	N	N	N	12
CAG 11	Cicero Ave Cal Sag Channel	-	1965	N	N	N	19
CAL STA 1	Ewing Ave Calumet R	-	1965	N	N	N	19
CAL STA 3	IHB RR Bridge Grand Cal R	-	1970	N	N	N	19
CAL STA 4	Wentworth Ave L Calumet R	-	1970	N	N	N	19
CAL STA 5	Wentworth Ave North Creek	-	1970	N	N	N	19
CAL STA 6	Joe Orr Rd Thorn Creek	-	1970	N	N	N	19
CAL STA 7	130TH St Calumet R	-	1965	N	N	N	19
CAL STA 8	Indiana Ave Br L Calumet R	-	1965	N	N	N	19
CAL STA 9	135TH and Ashland Ave Little Cal R	-	1970	N	N	N	19
CAL STA 10	Ashland Ave Br Cal Sag Channel	-	1965	N	N	N	19
CAL STA 12	US Highway 83 Cal Sag Channel	-	1965	N	N	N	19
CAL STA 13	Halsted Street Little Cal. River	-	1975	N	N	N	19
CG 1	County Line Rd WF NB	-	1970	N	N	N	19
CG 2	County Line Rd MF NB	-	1970	N	N	N	19
CG 3	County Line Rd Skokie River	-	1970	N	N	N	19
CG 4	E Lake Ave MF NB	-	1970	N	N	N	19
CG 5	NB Chicago R Dempster St	-	1971	N	N	N	19
CG 6	Central Ave North Shore Channel	-	1965	N	N	N	19
CG 7	Touhy Ave North Shore Channel	-	1965	N	N	N	19
CG 8	Wilson Ave NB Chicago R	-	1970	N	N	N	19
CG 10	Madison St S Br Chicago R	-	1965	N	N	N	19
CG 11	Damen Ave SB Chicago R	-	1970	N	N	N	19
CG 12	Harlem Ave Chicago San and Ship Ca	-	1965	N	N	N	19
CG 13	Highway 83 Chicago San and Ship Ca	-	1965	N	N	N	19
CG 15	Lemont Bridge Stephens St	-	1970	-	-	-	19
CG 16	Lockport 16TH St Bridge	-	1970	-	-	-	19
CG 17	Diversey Ave N.B. Chicago River	-	1975	N	N	N	19
CG 19	Cicero Ave Chicago Sanitary & Ship Canal	-	1975	N	N	N	19
CG 20	Grand Ave N.B. Chicago River	-	1975	N	N	N	19
DESPL STA 1	Buffalo C County Line	-	1971	N	N	N	19
DESPL STA 2	Des Plaines R County Line Rd	-	1971	N	N	N	19
DESPL STA 3	Wheeling Drainage D Hintz Rd	-	1971	N	N	N	19

DESPL STA 4	Des Plaines R Palatine Rd	-	1971	N	N	19
DESPL STA 5	Des Plaines R Central Rd	-	1971	N	N	19
DESPL STA 6	Des Plaines R Oakton St	-	1971	N	N	19
DESPL STA 7	Salt C Devon Ave County Line	-	1971	N	N	19
DESPL STA 8	Des Plaines R Belmont Ave	-	1971	N	N	19
DESPL STA 10	Salt C First Ave	-	1971	N	N	19
DESPL STA 11	Des Plaines R Ogden Ave	-	1971	N	N	19
DESPL STA 12	Des Plaines R Willow Springs Rd	-	1971	N	N	19
DESPL STA 13	Salt C Wolf Rd	-	1971	N	N	19
DESPL STA 14	Longmeadow Lane Du Page River	-	1975	N	N	19
DESPL STA 15	Lake St Du Page River	-	1975	N	N	19
DESPL STA 18	Elmhurst Rd. Higgins Creek	-	1975	N	N	19
DESPL STA 19	Wille Rd. Higgins Creek	-	1975	N	N	19
DESPL STA 20	Higgins Rd. Salt Creek	-	1975	N	N	19
DESPL STA 21	Arlington Hts. Rd. Salt Creek	-	1975	N	N	19
DESPL STA 22	Chicago-Elgin Rd Poplar Creek	-	1979	N	N	19
WQM 4	O'Brien Locks Calumet River	-	1969	-	N	19
WQM 5	Ohio St Bridge No Br Chicago River	-	1969	-	N	19
WQM 6	Chgo Sanit and Ship Canal Willow S	-	1969	-	N	19
WQM 7	Cal Sag Channel Archer Ave	-	1969	-	N	19
WQM 8	Chgo San and Shp C Lockport Pwrhse	-	1969	-	N	19
WQM 9	NSSTW No Shore Channel	-	1969	-	N	19
WQM 11	Cal STW Calumet River	-	1969	-	N	19
SSLS01	South Shore Lake Survey Station	-	1979	N	N	13
46002	Illinois R at Hardin, Ill.	-	1959	N	N	14
46006	Illinois R at Pekin, Ill.	-	1959	N	N	14
46010	La Moine R. at Star Bridge	-	1959	N	N	14
46017	Kankakee R. near Joliet Arsenal	-	1959	N	N	14
46019	Desplaines R. at Lockport	-	1964	N	N	14
46022	Chicago Ship Canal at Lockport	-	1964	N	N	14
46044	Cal Sag Channel at Rt 83 Brg.	-	1965	N	N	14
46057	Lacon-Route 17 Bridge	-	1959	N	N	14
46059	Hennepin City Bridge, Route 71	-	1967	N	N	14
46071	Rural Bridge-6 Mi. No. of Rt.108	-	1959	N	N	14
46075	Chambersburg Bridge	-	1959	N	N	14
46076	Rt.100 Bridge 2 Mi. N. Frederick	-	1959	N	N	14
46078	Route 150, Trenton Bridge	-	1959	N	N	14
46084	Lincoln Trail Bridge	-	1958	N	N	14
46091	Rt. 29 Bridge near Greenville	-	1958	N	N	14
46093	Monence Rt. 1 Bridge	-	1959	N	N	14
46095	Bridge near St. Anne	-	1959	N	N	14
47000	Route 120 Bridge	-	1959	N	N	14
47001	Russell Bridge	-	1959	N	N	14
47005	Irving Park Road	-	1967	N	N	14
47015	Plainfield-Naperville Rd Bridge	-	1968	N	N	14

Table 6.---Active water-quality stations in the Illinois River basin--Continued

Station No.	Station name	Drainage area (mi ²)	Begin water year	Type of data ¹			Data source ²
				Biolog- ical	Phys- ical	Chem- ical	
47020	Route 55 Butterfield Rd. Bridge	-	1964	O	N	N	14
47023	St. Charles Road Bridge	-	1964	N	N	N	14
47037	Hickory - Washington Street	-	1967	N	N	N	14
48030	Rt 24 Bridge No of Bartonville	-	1959	N	N	N	14
48039	200Ft Above Algonquin STW	-	1959	N	N	N	14
48050	1 Mi No Sheridan Farm Rd Br SW	-	1968	O	N	O	14
48081	Rt 6 Bridge NE Morris SE QU	-	1968	O	N	O	14
48083	Decatur Water Intake Lk Decatur	-	1958	O	N	N	14
48085	Rt 78 Br 1/2 Mi No Chandlerville	-	1960	N	O	N	14
48086	Roby Br 5Mi S Mechasburg	-	1965	N	O	N	14
48116	Lake-Cook Co Rd Br 1M Northbrook	-	1964	N	N	N	14
48382	Rt 17 Br 2 Mi W of Wyoming	-	1972	N	N	N	14
48389	Rt 34 Br Wyand	-	1972	O	N	N	14
48395	N main St Rt 116 E Peoria	-	1972	N	N	N	14
48415	Rt 54 Br near Cornland	-	1972	N	N	N	14
48416	Rt 29 SE of Springfield	-	1972	N	N	N	14
48417	Rt 104 W of Taylorville	-	1972	N	N	N	14
48418	Rt 29 SE of Springfield	-	1972	N	N	N	14
48419	Rt 29 of Taylorville	-	1972	N	N	N	14
48426	Rt 52 Br at Iroquois	-	1972	N	N	N	14
48438	Dixie Hwy S of Blue Island	-	1972	N	N	N	14
48439	Thornton Lansing Rd	-	1972	N	N	N	14
48443	Touhy Ave Bridge	-	1972	N	N	N	14
160231	Sangamon R. State Hwy 48 Bridge	-	1964	N	N	N	14
160244	Fox R. Burton Hwy 176 Bridge	-	1964	N	N	N	14
160261	Fox R. Montgomery Mill St. Br.	-	1964	N	N	N	14
160272	Fox R. So. Elgin State St. Br.	-	1960	N	N	N	14
GCR-36	Grand Calumet R at East Chicago	-	1964	N	N	N	16
170155	Little Calumet R. & Hohman Ave.	-	1965	N	N	N	16
171417	Kankakee R. near Shelby, Ind.	-	1965	N	N	N	16
171425	Kankakee R. at U.S. 6 Bridge	-	1979	N	N	N	16
414127087575101	Chicago San Ca Argonne Intake	-	1963	-	N	N	5
414324087581501	Sawmill Creek at Cass Avenue	-	1968	-	-	N	5
414306087581801	Sawmill Creek AB ANL	-	1952	N	N	N	5
414158087574301	Sawmill C at Bluff Rd	-	1968	-	N	N	5

414153087574501	Sawmill C at Santa Fe RR Tracks	-	1952	N	N	5
-	Pewaukee	-	1973	N	N	17
-	Pewaukee R	-	1964	N	N	17
-	Mukwonago R	-	1964	N	N	17
-	Lake Beulah	-	1973	N	N	17
-	Middle Lake	-	1973	N	N	17
-	Como C	-	1964	N	N	17
-	Des Plaines R	-	1964	N	N	17
-	Wind Lake Drainage Ca	-	1964	N	N	17
-	Fox R at Wilmot	-	1961	N	N	17
-	Sussex C	-	1964	N	N	17
-	Nippersink C	-	1964	N	N	17
-	Browns Lake	-	1973	N	N	17
-	White R	-	1964	N	N	17
-	Mill Lake	-	1973	N	N	17
-	Honey C	-	1964	N	N	17
-	Poplar C	-	1964	N	N	17
-	Brighton C at USH 45	-	1964	N	N	17
-	Lake Geneva	-	1973	N	N	17
-	Sugar C	-	1964	N	N	17
-	Little Muskego	-	1973	N	N	17
-	Bassett C	-	1964	N	N	17
-	Wind Lake	-	1973	N	N	17
-	Paddock Lake	-	1973	N	N	17
-	Silver Lake	-	1973	N	N	17
-	Des Plaines R near Pleasant Prairie	-	1961	N	N	17
-	Muskego Ca	-	1964	N	N	17
-	Big Muskego	-	1973	N	N	17
-	Fox R at Waukesha	-	1964	N	N	17
-	Green Lake	-	1973	N	N	17
-	Tichigan Lake	-	1973	N	N	17
-	Marie Lake	-	1973	N	N	17
-	Elizabeth Lake	-	1973	N	N	17
303126	Lilly Lake - Kenosha County	-	1979	N	N	17

1 N - One or more parameters are being collected.

0 - One or more parameters have been collected in the past, but none are presently being collected.

2 5 - U.S. Department of Energy

8 - U.S. Geological Survey

12 - Illinois Department of Public Health

13 - Illinois Division of Water Resources

14 - Illinois Environmental Protection Agency

15 - Illinois State Water Survey

16 - Indiana Division Stream Pollution Control

17 - Wisconsin Department of Natural Resources

19 - Metropolitan Sanitary District of Greater Chicago

Table 7.--Active sediment stations in the Illinois River basin

Station No.	Station name	Drainage area (mi ²)	Begin water year	Frequency of data collection ¹				Data source ²
				Suspended sediment concentration	Suspended particle size	Suspended sediment discharge		
05520500	Kankakee River at Momence, Ill.	2,294	1981	I	I	I	15	
05527500	Kankakee River near Wilmington, Ill.	5,150	1982	I	I	I	15	
05542000	Mazon River near Coal City, Ill.	455	1980	I	I	I	15	
05543500	Illinois River at Marseilles, Ill.	8,259	1974	I	I	I	8	
05555300	Vermillion River near Leonore, Ill.	1,251	1984	I	I	I	15	
05556500	Big Bureau Creek at Princeton, Ill.	196	1980	I	I	I	15	
05558300	Illinois River at Henry, Ill.	13,543	1983	I	I	I	8	
05567510	Mackinaw River below Congerville, Ill.	776	1983	I	I	I	8	
05569500	Spoon River at London Mills, Ill.	1,062	1980	I	I	I	15	
05570370	Big Creek near Bryant, Ill.	41.2	1972	I	I	I	8	
05572000	Sangamon River at Monticello, Ill.	550	1980	I	I	I	15	
05583000	Sangamon River near Oakford, Ill.	5,093	1981	I	I	I	8	
05584500	La Moine River at Colmar, Ill.	655	1980	I	I	I	15	
05585000	La Moine River at Ripley, Ill.	1,293	1984	I	I	I	15	
05586100	Illinois River at Valley City, Ill.	26,564	1980	I	I	I	8	

¹ I - Collected on a year round basis.

² 8 - U.S. Geological Survey

15 - Illinois State Water Survey

Table 8.--Discontinued water-quality stations in the Illinois River basin

[Dash indicates no data or data not provided; footnotes are at end of table]

Station No.	Station name	Drainage area (mi ²)	Period of record (water year)		Type of data ¹			Data source ²
			Begin	End	Biological	Physical	Chemical	
05515000	Kankakee River near North Liberty, Ind.	174	1978	1979	-	0	-	8
05518000	Kankakee River at Shelby, Ind.	1,779	1963	1979	-	0	-	8
05521000	Iroquois River at Rosebud, Ind.	35.6	1978	1979	-	0	-	8
05524500	Iroquois River near Foresman, Ind.	449	1968	1978	-	0	-	8
05526500	Terry Creek near Custer Park, Ill.	12.1	1974	1975	-	0	-	8
05527002	Horse Creek near Essex, Ill.	107	1975	1975	-	0	0	8
05534000	Des Plaines River at Romeoville, Ill.	696	1974	1977	-	0	-	8
05536135	Chicago Sanitary and Ship Canal at Ashland Avenue at Chicago, Ill.	-	1975	1977	-	0	-	8
05536210	Thorn Creek near Chicago Heights, Ill.	17.2	1974	1979	-	0	-	8
05536270	North Creek near Lansing, Ill.	16.8	1974	1979	-	0	-	8
05536290	Little Calumet at South Holland, IL	208	1970	1970	-	0	0	8
05536368	Calumet Sag Channel at Blue Island, Ill.	292	1975	1977	-	0	-	8
05536400	Stony Creek (East) at Blue Island, Ill.	12.6	1975	1975	-	0	-	8
05536995	Chicago Sanitary and Ship Canal at Romeoville, Ill.	739	1974	1977	-	0	-	8
05538010	Des Plaines River at Rockdale, Ill.	1,506	1974	1977	-	0	0	8
05539670	Des Plaines River at Channahon, Ill.	1,711	1973	1977	-	0	-	8
05541500	Illinois River at Dresden Island, Ill.	7,278	1967	1977	-	0	-	8
05544000	Fox River near Mukwonago, Wis.	231	1961	1961	-	0	0	8
05545100	Sugar Creek at Elkhorn, Wis.	6.68	1975	1975	-	0	-	8
05545300	White River near Burlington, Wis.	110	1968	1982	-	0	0	8
05545550	Rockland Lake near Burlington, Wis.	0.36	1975	1979	-	0	0	8
05553700	Illinois River at Starved Rock, Ill.	11,056	1967	1977	-	0	-	8
05558500	Crow Creek (West) near Henry, Ill.	56.2	1964	1971	-	0	-	8
05559000	Gimlet Creek at Sparland, Ill.	5.66	1965	1978	-	0	-	8
05559500	Crow Creek near Washburn, Ill.	115	1965	1971	-	0	-	8
05563600	Illinois River at Lock and Dam at Peoria, Ill.	14,550	1974	1977	-	0	-	8
05564400	Money Creek near Towanda, Ill.	49.0	1965	1982	-	0	0	8
05568450	Little Lamarsh Creek at Mapleton, Ill.	8.06	1975	1980	-	0	0	8
05568500	Illinois River at Kingston Mines, Ill.	15,819	1975	1977	-	0	-	8
05568772	Jack Creek at Mokena, Ill.	15.7	1975	1981	-	0	0	8

Table 8.--Discontinued water-quality stations in the Illinois River basin--Continued

Station No.	Station name	Drainage area (mi ²)	Period of record (water year)		Type of data ¹			Data source ²
			Begin	End	Biological	Physical	Chemical	
05568778	Spoon River near Stark, Ill.	209	1979	1981	-	0	0	8
05568855	Walnut Creek near Victoria, Ill.	102	1979	1981	-	0	0	8
05568895	Snakeden Hollow near Dahinda, Ill.	9.82	1975	1980	-	0	0	8
05568910	Sugar Creek at Dahinda, Ill.	21.6	1975	1980	-	0	0	8
05569455	Little Creek near Maquon, Ill.	36.2	1979	1981	-	0	0	8
05569920	Coal Creek near Fairview, Ill.	27.6	1975	1980	-	0	0	8
05569968	Turkey Creek near Fiatt, Ill.	11.5	1978	1980	-	0	0	8
05571000	Sangamon River at Mahomet, Ill.	362	1978	1978	0	0	0	8
05572450	Friends Creek at Argenta, Ill.	111	1966	1982	-	0	0	8
05573000	Sangamon River at Decatur, Ill.	820	1906	1907	-	0	-	8
05570330	West Branch Big Creek near Canton, Ill.	4.31	1978	1980	-	0	0	8
05573600	Spring Creek Tributary at Decatur, Ill.	0.30	1977	1977	-	0	0	8
05573880	Buckhart Creek near Rochester, Ill.	82.6	1981	1981	-	0	0	8
05575050	Bear Creek near Palmer, Ill.	60.0	1979	1981	-	0	0	8
05575830	Brush Creek near Divernon, Ill.	32.4	1979	1981	-	0	0	8
05576190	Sugar Creek near Glenarm, Ill.	57.5	1979	1981	-	0	0	8
05576600	Wolf Creek near Sherman, Ill.	36.6	1981	1981	-	0	0	8
05578200	North Fork Salt Creek near Farmer City, Ill.	97.0	1981	1981	-	0	0	8
05580730	Sugar Creek at Towanda Avenue at Normal, Ill.	6.34	1976	1977	0	0	0	8
05580740	Country Club Branch Sugar Creek at Bloomington, Ill.	1.45	1976	1977	0	0	0	8
05580760	Sugar Creek below Franklin Avenue at Normal, Ill.	9.71	1975	1978	0	0	0	8
05580770	North Branch Sugar Creek at Towanda Avenue at Normal, Ill.	2.68	1976	1977	0	0	0	8
05580805	North Branch Sugar Creek Trib at Normal, Ill.	1.56	1976	1977	0	0	0	8
05580810	North Branch Sugar Creek at Normal, Ill.	5.52	1975	1977	0	0	0	8
05580880	West Branch Sugar Creek at Normal, Ill.	4.28	1976	1977	0	0	0	8
05580910	Sugar Creek at Market Street at Bloomington, Ill.	21.6	1976	1977	0	0	0	8
05580920	Skunk Creek at Bloomington, Ill.	6.32	1977	1977	0	0	0	8
05580930	West Slough at Bloomington, Ill.	3.22	1975	1977	0	0	0	8
05580945	Sugar Creek above Sewage Plant at Bloomington, Ill.	32.2	1975	1977	0	0	0	8
05580948	Goose Creek above Sewage Plant at Bloomington, Ill.	2.19	1976	1977	0	0	0	8

05584680	Grindstone Creek near Industry, Ill.	35.5	1980	1981	-	0	0	8
05584682	Grindstone Creek Trib No. 2 near Dodsdsville, Ill.	0.17	1982	1983	0	0	0	8
05584683	Grindstone Creek Tributary near Dodsdsville, Ill.	0.22	1980	1981	-	0	0	8
05584685	Grindstone Creek near Birmingham, Ill.	46.5	1980	1981	-	0	0	8
05585100	Illinois River at Lock and Dam at La Grange, Ill.	25,648	1968	1977	-	0	-	8
05586565	Birch Creek near Athensville, Ill.	12.8	1980	1980	-	0	0	8
05586645	Macoupin Creek near Carlinville, Ill.	132	1979	1979	-	0	0	8
05586630	Macoupin Creek near Standard City, Ill.	73.8	1979	1981	-	0	0	8
05586800	Otter Creek near Palmyra, Ill.	61.1	1974	1980	-	0	-	8
05586860	Bear Creek at Chesterfield, Ill.	26.7	1979	1981	-	0	0	8
05586890	Hodges Creek near Rockbridge, Ill.	233	1979	1981	-	0	0	8
415302088033801	Main Inlet of Lake Ellyn at Glen Ellyn, Ill.	-	1948	1981	-	0	0	8
415311088032902	Submerged Outlet of Lake Ellyn at Glen Ellyn, Ill.	-	1980	1981	0	0	0	8
415311088032903	Surface Outlet of Lake Ellyn at Glen Ellyn, Ill.	-	1980	1981	0	0	0	8
D 06	Illinois R Pepu RR S of Peoria	-	1959	1972	0	0	0	12
D 07	Illinois R Rt 29 Br at Peoria	-	1960	1972	0	0	0	12
D 08	Illinois R I 74 Br at Peoria	-	1960	1972	0	0	0	12
D 13	Illinois R 300 Ft Upstr Ottawa Stw	-	1965	1972	0	0	0	12
D 36	Peoria Wks Ill R Robot	-	1968	1972	-	0	0	12
D 37	Havana Fisheries Ill R Robot	-	1968	1972	-	0	0	12
D 38	Meredosia Power Co Ill R Robot	-	1968	1972	-	0	0	12
D 39	Hennepin Ill Power Co Ill R Robot	-	1968	1972	-	0	0	12
DA 02	Macoupin C Rt 111 Br NE Medora	-	1959	1972	0	0	0	12
DF 01	Indian C Twp RD 8 MI S Beardstown	-	1959	1972	0	0	0	12
DK 01	Mackinaw R Co Rd Br WSW of Pekin	-	1959	1972	0	0	0	12
DS 04	Vermillion R Marquette Oment Oglesb	-	1965	1972	0	0	0	12
DT 12	Fox R US 30 Br Montgomery W Channl	-	1964	1972	0	0	0	12
DT 14	Fox R Ill Ave Br Aurora W Channel	-	1964	1972	0	0	0	12
DT 20	Fox R Huntley Rd Br Carpentersvill	-	1964	1972	0	0	0	12
DT 39	Yorkville Swg Wks Fox R Robot	-	1968	1972	-	0	0	12
E 39	Petersburg Wks Sangamon R Robot	-	1968	1972	-	0	0	12
F 02	Kankakee R Rt 1 Br Momence	-	1959	1972	0	0	0	12
F 39	Wilmington Swg Wks Kankakee R Robo	-	1968	1972	-	0	0	12
G 39	Waterways Bldg Des Plaines R Robot	-	1968	1972	-	0	0	12
GB 05	Du Page R Rt 59 Br at Shorewood	-	1964	1972	0	0	0	12
GB 39	Plainfield Lift Sta Du Page R Robot	-	1968	1972	-	0	0	12
GBXB 02	Kress C Wilson St S of W Chicago	-	1968	1972	0	0	0	12
GBXB 06	Kress C Powis Rd at Du Page Co Arpt	-	1968	1972	0	0	0	12
GG 03	Hickory C US 30 Br E of Joliet	-	1968	1972	0	0	0	12
HBDD 02	Third C State St D 8 Ft SWR NE CH	-	1965	1972	0	0	0	12

Table 8.--Discontinued water-quality stations in the Illinois River basin--Continued

Station No.	Station name	Drainage area (mi ²)	Period of record (water year)		Type of data ¹			Data source ²
			Begin	End	Biolog- ical	Phys- ical	Chem- ical	
	Third C State St Br N of 22nd C	-	1965	1972	0	0	0	12
HBDD 04	Third C Sauk Tr Br E of S Chi Hts	-	1965	1972	0	0	0	12
HBDD 05	Skokie River Clavey Road	-	1965	1972	0	0	0	12
HCCD 02	Skokie River Dundee Road	-	1965	1972	0	0	0	12
HCCD 05	Asland Ave Br Cal Sag Channel	-	1965	1971	0	0	0	19
BLCAR 29.18								
CAL STA 11	Crawford Ave	-	1970	1971	0	0	0	19
CALR01	Ewing Ave Calumet River	-	1971	1973	0	0	0	19
CALR03	IHB RR Bridge Grand Cal. River	-	1971	1973	0	0	0	19
CALR04	Wentworth Ave Lake Calumet River	-	1971	1973	0	0	0	19
CALR05	Wentworth Ave North Creek	-	1971	1973	0	0	0	19
CALR06	Joe Orr Road Thorn Creek	-	1971	1973	0	0	0	19
CALR07	130th St Calumet River	-	1971	1973	0	0	0	19
CALR08	Indiana Ave Br Lake Calumet River	-	1971	1973	0	0	0	19
CALR09	135th and Ashland Ave Little Cal	-	1971	1973	0	0	0	19
CALR10	Ashland Ave Br Cal-Sag Channel	-	1971	1973	0	0	0	19
CALR11	Cicero Ave Cal-Sag Channel	-	1971	1973	0	0	0	19
CALR12	US Highway #83 Cal-Sag Channel	-	1971	1973	0	0	0	19
CAR 39.81	106th Street Calumet River	-	1965	1971	0	0	0	19
CG STA 9	Ohio St NB Chicago River	-	1970	1976	0	0	0	19
CHIR01	County Line Road W. Fork N. Branch	-	1971	1973	0	0	0	19
CHIR02	County Line Road Middle Fork North Branch	-	1971	1973	0	0	0	19
CHIR03	County Line Road East Fork N. Branch	-	1971	1973	0	0	0	19
CHIR04	East Lake Ave Md. Fk. N. Branch	-	1971	1973	0	0	0	19
CHIR05	Dempster St. N. Branch Chicago River	-	1971	1973	0	0	0	19
CHIR06	Central Ave. N. Shore Channel	-	1971	1973	0	0	0	19
CHIR07	Touhy Ave N. Shore Channel	-	1971	1973	0	0	0	19
CHIR08	Wilson Ave N. Branch Chicago River	-	1971	1973	0	0	0	19
CHIR09	Ohio St N. Branch Chicago River	-	1971	1973	0	0	0	19
CHIR10	Madison St. S. Branch Chicago River	-	1971	1973	0	0	0	19
CHIR11	Damen Ave. S. Branch Chicago River	-	1971	1973	0	0	0	19
CHIR12	Harlem Ave Chicago San&Ship Canal	-	1971	1973	0	0	0	19
CHIR13	Hwy #83 Chicago San Ship Canal	-	1971	1973	0	0	0	19
CR 34.78	Wells Ave Chicago River	-	1965	1971	0	0	0	19
CSC 16.51	104th Street Cal-Sag Channel	-	1965	1971	0	0	0	19
CSSC 0.18	Lockport Chicago San & Ship Canal	-	1965	1971	0	0	0	19

CSSC 9.51	Lemont Rd Chicago San & Ship Canal	-	1965	1971	0	0	0	19
CSSC 16.84	Wil Spr Hwy Chicago San & Ship Canal	-	1965	1971	0	0	0	19
CSSC 18.37	Hwy 12-20-45 Chicago San & Ship Canal	-	1965	1971	0	0	0	19
CSSC 21.98	Lawndale Ave Chicago San & Ship Canal	-	1965	1971	0	0	0	19
CSSC 24.14	N Ridgeland Chicago San & Ship Canal	-	1965	1971	0	0	0	19
CSSC 25.73	Central Ave Chicago San & Ship Canal	-	1965	1971	0	0	0	19
CSSC 26.20	Cicero Ave Chicago San & Ship Canal	-	1965	1971	0	0	0	19
CSSC 27.27	Pulaski Rd Chicago San & Ship Canal	-	1965	1971	0	0	0	19
CSSC 30.55	Ashland Ave Chicago San & Ship Canal	-	1965	1971	0	0	0	19
DESPL STA 16	Oltendorf Rd Poplar Creek	-	1975	1979	0	0	0	19
DESPL STA 17	Barlett Rd Poplar Creek	-	1975	1979	0	0	0	19
DESPL STA 23	Lemont Stephens St. Des Plaines River	-	1970	1975	-	0	0	19
DESP01	Des Plaines River Buffalo C County Line	-	1971	1973	0	0	0	19
DESP02	Des Plaines R County Line Road	-	1971	1973	0	0	0	19
DESP03	Wheeling Drainage Ditch Hintz Rd	-	1971	1973	0	0	0	19
DESP04	Des Plaines River at Palatine Road	-	1971	1973	0	0	0	19
DESP05	Des Plaines River at Central Road	-	1971	1973	0	0	0	19
DESP06	Des Plaines River at Oakton St.	-	1971	1973	0	0	0	19
DESP07	Salt Creek Devon Ave County Line	-	1971	1973	0	0	0	19
DESP08	Des Plaines River at Belmont Ave	-	1971	1973	0	0	0	19
DESP10	Salt Creek at First Ave	-	1971	1973	0	0	0	19
DESP11	Des Plaines River at Ogden Ave	-	1971	1973	0	0	0	19
DESP12	Des Plaines R - Willow Spring Road	-	1971	1973	0	0	0	19
DESP13	Salt Creek at Wolf Road	-	1971	1973	0	0	0	19
GCAR 34.83	Torrence Ave Grand Calumet River	-	1965	1971	0	0	0	19
LCAR 29.02	Halsted St Little Calumet River	-	1965	1971	0	0	0	19
LCAR 31.34	Indiana Ave Little Calumet River	-	1965	1971	0	0	0	19
NBCR 34.82	Kinzie Ave N Br Chicago River	-	1965	1971	0	0	0	19
NBCR 35.01	Grand Ave N Br Chicago River	-	1965	1971	0	0	0	19
NBCR 36.85	North Ave N Br Chicago River	-	1965	1971	0	0	0	19
NBCR 37.53	Cortland Ave N Br Chicago River	-	1965	1971	0	0	0	19
NBCR 37.98	Ashland Ave N Br Chicago River	-	1965	1971	0	0	0	19
NBCR 38.37	Fullerton Ave N Br Chicago River	-	1965	1971	0	0	0	19
NBCR 39.45	Western Ave N Br Chicago River	-	1965	1971	0	0	0	19
NBCR 39.81	Belmont Ave N Br Chicago River	-	1965	1971	0	0	0	19
NBCR 40.88	Irving Park Road N Br Chicago River	-	1965	1971	0	0	0	19
NBCR 41.98	Lawrence Ave N Br Chicago River	-	1965	1971	0	0	0	19
NBCR 42.26	Argyle St N Branch Chicago River	-	1965	1971	0	0	0	19
NSC 43.03	Bryn Mawn Ave North Shore Channel	-	1965	1971	0	0	0	19
NSC 45.55	Howard Street North Shore Channel	-	1965	1971	0	0	0	19
NSC 46.05	Oakton Street North Shore Channel	-	1965	1971	0	0	0	19
NSC 47.05	Dempster St North Shore Channel	-	1965	1971	0	0	0	19
NSC 49.89	Linden Ave North Shore Channel	-	1965	1971	0	0	0	19
SBCR 31.67	Halsted St S Br Chicago River	-	1965	1971	0	0	0	19
SBCR 34.45	Randolph St S Br Chicago River	-	1965	1971	0	0	0	19

Table 8.--Discontinued water-quality stations in the Illinois River basin--Continued

Station No.	Station name	Drainage area (mi ²)	Period of record (water year)		Type of data ¹			Data source ²
			Begin	End	Biological	Physical	Chemical	
WL	Wolf Lake Spillway Wolf Lake	-	1965	1971	0	0	0	19
WLD	Carondolet Road Wolf Lake Ditch	-	1965	1971	0	0	0	19
WQM 10	WSWSTW Chicago San and Ship Canal	-	1969	1981	-	0	0	19
0544000	Mackinaw R nr Congerville, Ill.	-	1966	1976	0	0	0	15
05520500	Kankakee R at Mokence, Ill.	-	1966	1976	0	0	0	15
05529000	Des Plaines River nr Des Plaines, Ill.	-	1966	1976	0	0	0	15
05540500	Du Page River at Shorewood, Ill.	-	1971	1976	0	0	0	15
05550000	Fox R at Algonquin, Ill.	-	1956	1976	0	0	0	15
05554500	Vermillion R at Pontiac, Ill.	-	1971	1976	0	0	0	15
05555500	Vermillion R at Lowell, Ill.	-	1957	1971	-	0	0	15
05567500	Mackinaw R nr Congerville, Ill.	-	1966	1976	-	0	0	15
05571000	Sangamon R at Mahomet, Ill.	-	1966	1976	0	0	0	15
05576000	SF Sangamon R nr Rochester, Ill.	-	1966	1976	0	0	0	15
05578500	Salt Cr nr Rowell, Ill.	-	1971	1976	0	0	0	15
05582000	Salt Cr nr Greenview, Ill.	-	1971	1976	0	0	0	15
05583000	Sangamon R nr Oakford, Ill.	-	1971	1978	0	0	0	15
05586000	NF Mauvaise Terre C near Jacksonville, Ill.	-	1966	1971	0	0	0	15
48804	-	-	1945	1950	-	0	0	15
48807	-	-	1945	1961	-	0	0	15
48808	-	-	1945	1950	-	0	0	15
48809	-	-	1945	1971	-	0	0	15
48812	-	-	1950	1956	-	0	0	15
48813	-	-	1950	1956	-	0	0	15
48815	-	-	1950	1956	-	0	0	15
48827	-	-	1956	1961	-	0	0	15
48829	-	-	1956	1971	-	0	0	15
48832	-	-	1956	1961	-	0	0	15
48833	-	-	1956	1961	-	0	0	15
48836	-	-	1957	1961	-	0	0	15
48837	-	-	1957	1961	-	0	0	15
48841	-	-	1957	1961	-	0	0	15
48848	-	-	1961	1966	-	0	0	15
48850	-	-	1966	1971	-	0	0	15
48851	-	-	1966	1971	-	0	0	15
48855	-	-	1966	1971	-	0	0	15

48856	-	1966	1971	-	0	0	15
48862	-	1961	1966	-	0	0	15
48866	-	1966	1971	-	0	0	15
48961	-	1966	1971	-	0	0	15
48966	-	1968	1971	-	0	0	15
48972	-	1945	1950	-	0	0	15
48991	-	1961	1966	-	0	0	15
48994	-	1961	1966	-	0	0	15
48995	-	1961	1966	-	0	0	15
05526100	Kankakee River at Kankakee	1976	1979	-	0	0	13
05527590	Kankakee River near Lorenzo	1976	1979	-	0	0	13
05537000	Sanitary & Ship Canal near Lockport	1976	1979	-	0	0	13
05553500	Illinois River near Ottawa	1976	1979	-	0	0	13
05554498	Vermilion River at Pontiac	1976	1979	-	0	0	13
05554498A	Vermilion River at Pontiac	1976	1979	-	0	0	13
05567440	Eureka Lake near Eureka	1976	1978	-	0	0	13
05568580	Canton Lake near Canton	1976	1979	-	0	0	13
05573500	Decatur Lake at Decatur	1976	1979	-	0	0	13
16071	Fox R. Elgin Walnut St. Bridge 70.7	1971	1977	0	0	0	14
46003	Illinois R at Meredosia, Illinois	1959	1977	0	0	0	14
46004	Illinois River at Havana	1959	1977	0	0	0	14
46008	Macoupin Creek at Spankey Bridge	1959	1977	0	0	0	14
46009	Mackinaw R. at Manito Pekin Road	1959	1971	0	0	0	14
46014	Sangamon River at Route 78	1958	1978	0	0	0	14
46015	Sangamon River near Wycles Corners	1964	1971	0	0	0	14
46018	Des Plaines River East of Channahon	1959	1977	0	0	0	14
46021	Du Page River South of Channahon	1964	1977	0	0	0	14
46023	Chicago Ship Canal at Harlem Ave	1967	1977	0	0	0	14
46024	Chicago Ship Canal at Rt. 83 Bridge	1967	1977	0	0	0	14
46045	Grand Calumet R at Torrence Ave	1967	1977	0	0	0	14
46047	Little Calumet R at Wentworth Ave	1959	-	0	0	0	14
46054	Peoria N. of R. R. Bridge	1959	1971	0	0	0	14
46055	Peoria Cedar St. Bridge.	1960	1967	0	0	0	14
46056	Peoria-Rt. Int. 74 Bridge.	1960	1971	0	0	0	14
46058	Henry-West of Rt. 29.	1968	1968	-	0	0	14
46060	Rice Grain Dock Spring Valley.	1965	1977	0	0	0	14
46061	Peru-Route 51 Bridge.	1967	1967	-	0	0	14
46062	Old US. 51 Bridge, SO. La Salle.	1967	1971	0	0	0	14
46063	South Utica, Rt. 178 Bridge.	1967	1977	0	0	0	14
46064	Ottawa-Rt. 23 Bridge at So. pier	1965	1977	0	0	0	14
46065	Marseilles Main Channel Bridge.	1967	1967	-	0	0	14
46066	So. Seneca, Rt. 170 Bridge.	1967	1977	0	0	0	14
46067	Morris-Rt. 47 Bridge.	1961	1977	0	0	0	14
46068	Florence-West of Winchester	1967	1977	0	0	0	14
46070	Medoria-Chesterfield Rd. Bridge.	1959	1971	0	0	0	14

Table 8.--Discontinued water-quality stations in the Illinois River basin--Continued

Station No.	Station name	Drainage area (mi ²)	Period of record (water year)		Type of data ¹			Data source ²
			Begin	End	Biolog- ical	Phys- ical	Chem- ical	
46072	Bridge near Glasgow	-	1959	1978	0	0	0	14
46073	Rt. 100 Bluff Line Bridge	-	1959	1978	0	0	0	14
46074	Jacksonville Rt. 36 Bridge	-	1961	1977	0	0	0	14
46077	Rt. 78-97 Bridge 1/2 mi. N. 136	-	1959	1978	0	0	0	14
46079	McHenry-Route 120 Bridge	-	1964	1977	0	0	0	14
46080	Millbrook Bridge SW. Yorkville	-	1964	1971	0	0	0	14
46081	Millington Bridge	-	1964	1977	0	0	0	14
46082	Serena Rd. Bridge	-	1964	1977	0	0	0	14
46083	Rt. 29 Bridge No of Springfield	-	1958	1977	0	0	0	14
46085	Decatur Sewage Disposal Outlet	-	1964	1971	0	0	0	14
46086	Rural Bridge near Harristown	-	1964	1971	0	0	0	14
46087	Rural Bridge near Niantic	-	1964	1971	0	0	0	14
46088	Rural Bridge near Illiopolis	-	1964	1971	0	0	0	14
46089	Rural Bridge near Mechanicsburg	-	1964	1977	0	0	0	14
46090	Rt. 36 Bridge So. of Riverton	-	1965	1978	0	0	0	14
46092	B Rt. 10 Bridge E. of New Holland	-	1960	1977	0	0	0	14
46096	135th Street Bridge W. of Romeo	-	1959	1977	0	0	0	14
46097	Stephens St. Bridge	-	1959	1976	0	0	0	14
46098	Rt. 83 Bridge	-	1959	1977	0	0	0	14
46099	Route 45 Bridge	-	1959	1970	0	0	-	14
47002	Buckley Road Bridge	-	1959	1977	0	0	0	14
47003	Palatine Road	-	1968	1977	0	0	0	14
47006	Roosevelt Road-Forest Park	-	1967	1977	0	0	0	14
47007	Lawndale Ave West of Summit	-	1967	1977	0	0	0	14
47008	Willow Springs Road	-	1967	1977	0	0	0	14
47009	Route 52 Bridge	-	1968	1977	0	0	0	14
47010	Route 59 Bridge Shorewood Old 66	-	1964	1970	0	0	0	14
47013	Lake Renwick Rd Bridge	-	1964	1977	0	0	0	14
47014	Rt. 59 Bridge - Plainfield	-	1964	1977	0	0	0	14
47016	Route 6 Bridge Channahon	-	1964	1977	0	0	0	14
47017	Route 59 Bridge No. of Walker	-	1964	1977	0	0	0	14
47018	Modaff Road Bridge	-	1964	1977	0	0	0	14
47019	Warrenville Road Bridge	-	1967	1977	0	0	0	14
47021	Garys Mill Road Bridge	-	1964	1977	0	0	0	14
47025	Winfield Rd. DS Wheaton	-	1967	1977	0	0	0	14

47026	Route 59 Bridge	-	1964	1977	0	0	0	14
47027	Batavia Road	-	1968	1971	0	0	0	14
47028	Kaelin Road	-	1967	1977	0	0	0	14
47029	Kress Road	-	1968	1977	0	0	0	14
47030	Hawthorne Lane	-	1968	1977	0	0	0	14
47031	Powis Road	-	1968	1971	0	0	0	14
47032	Hobson Road Bridge	-	1967	1970	0	0	0	14
47033	Royce Road Bridge	-	1970	1971	0	0	0	14
47034	Rt. 64 Bridge-North Avenue	-	1964	1977	0	0	0	14
47036	Gardner Street Route 52	-	1967	1977	0	0	0	14
47038	Hickory - Route 30 E. of Joliet	-	1967	1971	0	0	0	14
47039	Hickory - Gauges Road	-	1967	1977	0	0	0	14
47040	Hickory - Cedar Road	-	1967	1977	0	0	0	14
47041	1 Mile E Oew Lenox E Wabash RR	-	1967	1976	0	0	0	14
47042	Rt. 45 Wolf Road	-	1967	1977	0	0	0	14
47043	Francis Road NE of New Lenox	-	1967	1976	0	0	0	14
47044	135th St. Bridge Above Lockport	-	1964	1976	0	0	0	14
47045	135th Street Br. West of Romeo	-	1959	1977	0	0	0	14
47046	Chicago Ship Canal at Cicero Ave	-	1967	1977	0	0	0	14
47047	Willow Springs Road	-	1967	1977	0	0	0	14
47048	Stephens Street Bridge	-	1967	1977	0	0	0	14
47049	Rt. 7 Ninth Street Bridge	-	1968	1977	0	0	0	14
47050	191st Street SW Willow Springs	-	1967	1977	0	0	0	14
47053	St. Charles Rd Bridge	-	1959	1977	0	0	0	14
47056	Devon Avenue Bridge	-	1965	1977	0	0	0	14
47061	River Road-Rosemont	-	1968	1977	0	0	0	14
47062	River Road-Des Plaines	-	1967	1977	0	0	0	14
47063	Milwaukee Ave N Pal-Waukee Apt	-	1967	1977	0	0	0	14
47065	Cal-Sag Chicago Halsted Street	-	1967	1977	0	0	0	14
47066	Little Cal-NYCRR Bridge	-	1967	1976	0	0	0	14
47067	Grand Cal River 138th Street	-	1967	1971	-	0	0	14
47069	Grand Cal-River at Forsythe Ave	-	1967	1971	-	0	0	14
47070	Glenwood Gaging Station	-	1965	1977	0	0	0	14
47072	1/2 Miles South Glenwood School	-	1966	1977	0	0	0	14
48015	Cal Sag Cicero Ave.Chicago	-	1967	1977	0	0	0	14
48024	Rt 51 Bridge Woodford-McLean Co	-	1959	1977	0	0	0	14
48025	Rt 29 3 Mi South of S Pekin	-	1972	1978	0	0	0	14
48027	Rt 9 2 Mi SW Mackinaw	-	1972	1977	0	0	0	14
48028	Rt 150 E Rt 117 2mi Congerville	-	1972	1978	0	0	0	14
48031	Edwards Bridge 1/2 Mi So Rt 8	-	1959	1977	0	0	0	14
48032	Rt 87 Bridge No of Atse RR	-	1959	1977	0	0	0	14
48034	1-2 Mile E Troy Grove Rt 52 Bridge	-	1968	1977	0	0	0	14
48036	W of Cornell Rt 23 Bradley Bridge	-	1959	1977	0	0	0	14
48037	SE of Pontiac 4 Mi So Rt 116	-	1959	1977	0	0	0	14
48040	Carpville Main St Huntley Rd Bridge	-	1964	1971	0	0	0	14

Table 8.--Discontinued water-quality stations in the Illinois River basin--Continued

Station No.	Station name	Drainage area (mi ²)	Period of record (water year)		Type of data ¹			Data source ²
			Begin	End	Biolog- ical	Phys- ical	Chem- ical	
48042	NW Toll Road Bridge So of E Dundee	-	1964	1971	0	0	0	14
48044	Weston Inlet E Si Fox Gore Batavia	-	1964	1971	0	0	0	14
48045	Val View E 51 2M Below Elgin Dam	-	1964	1971	0	0	0	14
48046	Wedron Bridge Sec9T34NR4E	-	1964	1977	0	0	0	14
48047	Dayton Town Bridge Below Dam	-	1964	1971	0	0	0	14
48049	1/2 Mile No Wedron on Somonauk	-	1968	1977	0	0	0	14
48051	Big Rock Ck R Rd Fox River Rd	-	1971	1977	0	0	0	14
48052	Little Rock Ck River Rd S Pland	-	1971	1977	0	0	0	14
48053	Blackberry Ck Bridge Rt47 Yorkville	-	1971	1977	0	0	0	14
48054	Waubensee Ck Rt25 Bridge Oswego	-	1971	1971	0	0	0	14
48055	Otter Ck Sequ Sec2T40NR8E	-	1971	1977	0	0	0	14
48059	Nippersink Nequ Rt12 Bk Lk Line	-	1971	1977	0	0	0	14
48062	E of Richmond East FK N BR Rt173	-	1967	1977	0	0	0	14
48063	Buck Ck West Edge Wedron	-	1971	1971	0	0	0	14
48064	Mission Ck Country Rd N Rt 52	-	1971	1971	0	0	0	14
48065	Redds Ck Burling RR Bridge Sheridan	-	1971	1971	0	0	0	14
48067	Hollenback Ck Nequ 6E Millbrook	-	1971	1977	0	0	0	14
48068	Rob Roy Ck River Rd Bridge SE Pland	-	1971	1977	0	0	0	14
48069	Morgan Ck Rt71 Bridge 2Mi E Yorkville	-	1971	1977	0	0	0	14
48071	B Mill Ck Nequ Rt31 Mooseheart	-	1971	1977	0	0	0	14
48074	Tyler Ck Rt31 3 Mi N Elgin Rt20	-	1971	1977	0	0	0	14
48075	Jelkes Ck Rt31 Bridge 1 Orthwest To	-	1971	1971	0	0	0	14
48076	Huntley-Algonquin Rd SE Lk Hill	-	1967	1971	0	0	0	14
48077	Crystal Lk Rt31 Jct 62 Algonquin	-	1971	1977	0	0	0	14
48078	NW1/4 Kelsey 3/4mi N Barrington Creek	-	1966	1977	0	0	0	14
48079	Boone Ck Sec26T45NR8E Rts 120&31	-	1971	1971	0	0	0	14
48080	So of Morris 1mi E Rt 47	-	1959	1967	-	0	0	14
48082	Bridge 5 Mi W Greenview	-	1958	1977	0	0	0	14
48084	3Mi So Cisco Sec10-11T17NR4E Bridge	-	1958	1977	0	0	0	14
48088	Rural Bridge 5Mi W Lincoln	-	1960	1977	0	0	0	14
48089	Des Plaines Brandon Road Joliet Sho	-	1965	1977	0	0	0	14
48090	U S Rt6 Bridge Channahon	-	1964	1977	0	0	0	14
48092	Channahon Spillway to Du Page River	-	1968	1971	0	0	0	14
48093	U S Rt34 Bridge No of CBQ RR	-	1967	1977	0	0	0	14
48094	Lockport Div St Bridge 16 St IsM	-	1966	1977	0	0	0	14

48095	Prospect Ave Bridge Sec40NR11E	-	1965	1977	0	0	0	14
48098	No Chgo Ht E B&ORR S Sde Joe Orr	-	1965	1974	0	0	0	14
48099	Chgo Ht State St Ditch 6/10 M 01	-	1965	1971	0	0	0	14
48100	Chgo Ht 1/5 Mi E State St S 14th	-	1965	1977	0	0	0	14
48101	State St N 22nd St 1/8Mi S NYCRR	-	1965	1971	0	0	0	14
48102	Sauk Trail N Steger STW E CMSTPP	-	1965	1971	0	0	0	14
48103	State St N 14 St Victor 36UN Sew	-	1965	1972	0	0	0	14
48104	State Ditch N 14 St East Sewer	-	1965	1973	0	0	0	14
48107	Archer Ave So Fk So Branch Chicago River	-	1970	1977	0	0	0	14
48108	Chicago R at Wells St	-	1967	1977	0	0	0	14
48110	No Br-Kedzie Ave No Park College	-	1967	1976	0	0	0	14
48111	North Br-at Wilson Ave	-	1967	1977	0	0	0	14
48112	North Br-at North Ave	-	1967	1977	0	0	0	14
48114	N SH Channel Touhy North Side St	-	1967	1977	0	0	0	14
48115	Lake Cook Line Pfings Deerfield	-	1964	1977	0	0	0	14
48117	Lake-Cook Line Rd Skokie Lagoons	-	1964	1977	0	0	0	14
48118	Clavey Rd No NSSD Stp Sec 35	-	1965	1966	0	0	0	14
48119	Willow Rd Skokie Langs W Hibbard	-	1965	1977	0	0	0	14
48120	Tower Rd 104 M E Eden SW Glencoe	-	1965	1977	0	0	0	14
48121	Dundee Rd N Skokie Lagn Eden Exp	-	1965	1967	0	0	0	14
48230	Indian Creek S. or Beardstown	-	1959	1971	0	0	0	14
48232	100 Yds. Above Sheridan School	-	1959	1977	0	0	0	14
48233	Fox R. at Wilson Rd. at Batavia	-	1958	1971	0	0	0	14
48234	Kimball St. Bridge at Elgin	-	1964	1971	0	0	0	14
48237	Poplar Ck, S. 2 Mi. of Elgin	-	1971	1977	0	0	0	14
48238	Spring Ck. at Fox R. Grove Stp	-	1971	1977	0	0	0	14
48239	Indian Ck., Aurora, 1 Mi. N. US	-	1971	1972	0	0	0	14
48240	Norton Ck. 2.5 Mi. N. St. Charle	-	1971	1971	0	0	0	14
48246	Salt Ck. North of Hinsdale	-	1959	1977	0	0	0	14
48247	Salt Ck. S. Elmhurst	-	1959	1977	0	0	0	14
48249	Salt Ck., Wood Dale, Irving Park Road	-	1959	1977	0	0	0	14
48250	1st. Ave, Forbes Rd., Brookfield	-	1967	1977	0	0	0	14
48252	Crystal Ck., Schiller Park	-	1968	1977	0	0	0	14
48253	Frاند Claumet R. at Burnham Ave	-	1967	1971	0	0	0	14
48257	Chic. Hts., Halsted St. N. 14th	-	1966	1977	0	0	0	14
48258	N. Br.Chicago R. at Addison St.	-	1967	1977	0	0	0	14
48259	N.Branch Chic. R. at Kinzie St.	-	1967	1977	0	0	0	14
48309	Cal-Sag Channel at Ashland Ave.	-	1967	1977	0	0	0	14
48312	Brewster Ck NE Fox River Heights	-	1971	1971	0	0	0	14
48365	Dresden Lock and Dam	-	1972	1977	0	0	0	14
48366	Peoria Rt 150 Bridge	-	1972	1977	0	0	0	14
48367	Lock and Dam Btwn Peoria & Pekin	-	1972	1977	0	0	0	14
48368	Rt 67 Br SE of Rockbridge	-	1972	1977	0	0	0	14
48370	Rt 4 Br at Carlinville	-	1972	1977	0	0	0	14
48371	Rt 67 Br NW of Athensville	-	1972	1977	0	0	0	14

Table 8.--Discontinued water-quality stations in the Illinois River basin--Continued

Station No.	Station name	Drainage area (mi ²)	Period of record (water year)		Type of data ¹			Data source ²
			Begin	End	Biolog- ical	Phys- ical	Chem- ical	
48372	Rt. 104 Br 4 Mi W of Jacksonville	-	1972	1978	0	0	0	14
48373	Shinwer Br NE of Fishhook	-	1972	1977	0	0	0	14
48374	Rt 67 Br 8 Mi SSW Beardstown	-	1972	1978	0	0	0	14
48375	Rt 101 Br E Brooklyn	-	1972	1977	0	0	0	14
48376	Rt 136 Br 8 Mi E of Carthage	-	1972	1977	0	0	0	14
48377	Rural Br 3 Mi S Colchester	-	1972	1978	0	0	0	14
48378	Hwy 136 Br W of Colchester	-	1972	1977	0	0	0	14
48379	Rt 9 Br 2Mi W Blyton	-	1972	1977	0	0	0	14
48380	Rt 116 Br at London Mills	-	1972	1981	0	0	0	14
48381	Rt 78 Br N of Laura	-	1972	1977	0	0	0	14
48383	Rural Br 4 Mi W of Lewistown	-	1972	1977	0	0	0	14
48384	Rt 41 Br 3 Mi NNE Avon	-	1972	1977	0	0	0	14
48385	Rural Rd Br at Appleton	-	1972	1977	0	0	0	14
48387	Rural Br 5 Mi S of Princeton	-	1971	1977	0	0	0	14
48388	Rt 26 Br N Princeton	-	1972	1977	0	0	0	14
48390	Rt 6-34 Wyanet	-	1972	1977	0	0	0	14
48391	Klein Br 1 Mi N Kangley	-	1972	1977	0	0	0	14
48392	Rural Br 8 Mi SE of Pontiac	-	1972	1977	0	0	0	14
48393	Rt 55 Br nr Central City	-	1972	1977	0	0	0	14
48394	Pine Bluff Br 5 Mi S of Morris	-	1972	1977	0	0	0	14
48396	Rural Rd S of Rt8 of Sunnyland	-	1972	1977	0	0	0	14
48397	Rural Rd Plano-Mill-Brook Rd	-	1972	1977	0	0	0	14
48398	US 12 Br E Outlet Nippersink Lk	-	1972	1978	0	0	0	14
48399	Grass Lk Rd Br Grass Lake Outlet	-	1972	1977	0	0	0	14
48400	Grass Lk Br at Bluff Outlet	-	1972	1977	0	0	0	14
48401	Rt 23 Br 6 Mi SE Earlville	-	1971	1977	0	0	0	14
48402	Ringwood-Greenwood Road	-	1972	1977	0	0	0	14
48404	Rt 47 Br N of Monticello	-	1972	1977	0	0	0	14
48405	Route 150 Bridge at Mahomet	-	1972	1978	0	0	0	14
48406	Rt 47 Br S of Gibson City	-	1972	1977	0	0	0	14
48407	Rural Br 9 Mi E of Tallua	-	1972	1977	0	0	0	14
48408	Rock Ford Br 5 Mi W of Lincoln	-	1972	1977	0	0	0	14
48409	Rural Br 1/2 Mi N of Kenny	-	1972	1977	0	0	0	14
48410	Route 48 Br 5 of Fullerton	-	1972	1977	0	0	0	14
48411	Rural Br 5 1/2 Mi W of Atlanta	-	1972	1977	0	0	0	14

48412	Rural Br 641 2 Mi N of McLean	-	1972	1977	0	0	0	14
48414	Rt 136 Br 1 Mi W of Heyworth	-	1972	1977	0	0	0	14
48421	Rt 47 Br S of Gibson City	-	1972	1977	0	0	0	14
48422	Warner Br Will Co Line	-	1972	1977	0	0	0	14
48424	Rt 17 Br E of Kankakee	-	1972	1977	0	0	0	14
48425	Rt 52 Br S of L'Erable	-	1972	1977	0	0	0	14
48427	US 24 Br 1 Mi NW of Watseka	-	1972	1977	0	0	0	14
48428	Rt 60 Br E of Rt 21	-	1971	1977	0	0	0	14
48430	RR/Br near GM&O at Joliet Arsnl	-	1972	1977	0	0	0	14
48431	Washington St Br at Joliet	-	1972	1977	0	0	0	14
48432	Rocky Glen For't Pre'Ve Bluff Rd	-	1972	1977	0	0	0	14
48433	Plainfield Rd Br SE Hinsdale	-	1972	1977	0	0	0	14
48434	Rt 45 Br at Westchester	-	1972	1977	0	0	0	14
48435	Rt 21 Br S Libertyville	-	1972	1976	0	0	0	14
48436	Rt 41 Br at Wadsworth.	-	1972	1977	0	0	0	14
48437	Rt 83 Br Harvey	-	1972	1977	0	0	0	14
48440	Cottage Grove Ave Br E Glenwood	-	1972	1977	0	0	0	14
48441	Crawford Ave Olympia Fields	-	1972	1977	0	0	0	14
48442	Cottage Grove Ave S Glenwood	-	1972	1977	0	0	0	14
48444	Golf Rd Br Glenview	-	1972	1977	0	0	0	14
48445	Winnetka Rd W Rt 94	-	1972	1977	0	0	0	14
48446	Golf Rd Br Glenview	-	1972	1977	0	0	0	14
48447	Prairie Ave Br Highland Park	-	1972	1977	0	0	0	14
48562	Rt. 57 Br. SE of Kankakee.	-	1972	1977	0	0	0	14
48563	Lilly Cache Rd. at Mouth.	-	1972	1977	0	0	0	14
87403	Rt 47 Br N of Woodstock	-	1972	1977	0	0	0	14
160247	Fox River at Fox R. Grove Rt. 14	-	1964	1977	0	0	0	14
160249	Fox River Algonquin Rt. 62 Bridge	-	1958	1971	0	0	0	14
160250	Fox River Dundee Rt. 72 Bridge 75.7M	-	1958	1977	0	0	0	14
160253	Fox River St. Charles Rt. 64 Bridge	-	1964	1977	0	0	0	14
160254	Fox River Geneva Alt. Rt. 30 Bridge	-	1964	1977	0	0	0	14
160256	Fox River North Aurora Bridge 53.2 mi	-	1964	1977	0	0	0	14
160258	Fox River Aurora Rt. 65 Bridge	-	1964	1977	0	0	0	14
160259	Fox River Aurora Rt. 30 Bridge	-	1964	1971	0	0	0	14
160260	Fox River Oswego Rt. 34 Bridge 42.8 mi	-	1958	1977	0	0	0	14
160266	Fox R. Yorkville Bridge 36.20 mi	-	1964	1977	0	0	0	14
160268	Fox R. Aurora-Illinois Ave. Bridge	-	1964	1971	0	0	0	14
160279	Fox R. Batavia at Wilson St. Bridge	-	1959	1977	0	0	0	14
160285	Elgin State Hospital Stp. 69.5	-	1971	1971	0	0	0	14
160347	Des Plaines R. Lake Cook Road Bridge	-	1964	1977	0	0	0	14
160376	East Br Du Page at Washington Bridge	-	1968	1977	0	0	0	14
160383	East Br Du Page Maple Ave. Bridge	-	1964	1977	0	0	0	14
160387	East Br Du Page Butterfield Road	-	1964	1977	0	0	0	14
160388	East Br Du Page East West Hwy 53	-	1964	1977	0	0	0	14
160527	Little Cal R. at Jackson St. Bridge	-	1967	1971	0	0	0	14

Table 8.--Discontinued water-quality stations in the Illinois River basin--Continued

Station No.	Station name	Drainage area (mi ²)	Period of record (water year)		Type of data ¹			Data source ²
			Begin	End	Biological	Phys- ical	Chem- ical	
160581	SBCHR. Damen Ave. Center Bottom	-	1967	1977	0	0	0	14
480066	Clear Ck Sec30T36OR6E Millington	-	1971	1971	0	0	0	14
EC STP	E Chicago Sewage Tr Pl IN	-	1969	1971	0	-	-	16
I-62	Iroquois R nr Foresman	-	1957	1971	0	0	0	16
KR-65	Kankakee R nr Shelby	-	1957	1971	0	0	0	16
YR 43	Yellow R nr Plymouth IN	-	1971	1973	-	0	0	16
YR-9	Yellow R at Knox	-	1957	1971	0	0	0	16
170161	Grand Cal. R. & Indianapolis Bd.	-	1965	-	0	0	0	16
171422	Yellow River at Knox	-	1965	1970	0	0	0	16
201004	-	-	1970	1970	-	0	0	16
201054	-	-	1970	1970	-	0	0	16
308901	Simmons Co. Munster	-	1972	1973	-	0	0	16
309801	Wells Aluminum North Liberty	-	1972	1973	-	0	0	16
312001	Union Roll Valparaiso	-	1972	1973	-	-	0	16
CBLANK	Cyanide Blank	-	1975	1975	-	-	0	6
C4345BJ	-	-	1974	1974	-	0	0	6
C4345BQ	-	-	1974	1974	-	0	0	6
C4345BR	-	-	1974	1974	-	0	0	6
C4345BS	-	-	1974	1974	-	0	0	6
C4345BT	-	-	1974	1974	-	0	0	6
C4345CO	Peabody Coal Company	-	1971	1974	-	0	0	6
C4345EA	Peabody Coal Company	-	1973	1973	-	0	0	6
C4345EC	Peabody Coal Company	-	1971	1974	-	0	0	6
C4345ED	-	-	1973	1973	-	0	0	6
C4345EF	-	-	1974	1974	-	0	0	6
C4345EH	-	-	1974	1974	-	0	0	6
C4345EK	-	-	1974	1974	-	0	0	6
C4345EM	-	-	1974	1974	-	0	0	6
C4345EO	-	-	1974	1974	-	0	0	6
C4345PL	-	-	1971	1974	-	0	0	6
C4345P1	Peabody Coal Company	-	1974	1974	-	0	0	6
C4345P2	-	-	1974	1974	-	0	0	6
C4345P7	-	-	1974	1974	-	0	0	6
C4345R5	Peabody Coal Company	-	1974	1974	-	0	0	6
C4345R9	Peabody Coal Company	-	1970	1974	-	0	0	6

C456.51526	Swift Chemical Company	-	1974	1974	-	0	0	6
C456.51527	National Starch & Chemical Co	-	1974	1974	-	0	0	6
C456.51528	H.B. Fuller Company	-	1974	1974	-	0	0	6
C456.51529	Chicago Mastic Company	-	1974	1974	-	0	0	6
MBLANK	Metal Reagent Blank	-	1974	1975	-	0	0	6
MOR-01	NNW Sewer Outfall 30Ft Downstrm	-	1972	1972	0	0	0	6
MOR-02	NNW Sewer Outfall 80Ft Dwnstrm	-	1972	1972	0	0	0	6
MOR-03	NE Sewer Outfall Deardruff Ditch	-	1971	1972	0	0	0	6
MOR-06	Beaver Cr at 500 W Rd	-	1972	1972	0	0	0	6
MOR-08	Storm Sewer on E Side of Complex	-	1972	1972	0	0	0	6
MOR-09	Storm Sewer at Center of Complex	-	1972	1972	0	0	0	6
MOR-10	Beaver Cr 20Yd Upstr Deardruff D	-	1971	1972	0	0	0	6
MOR-11	Beaver Cr 20Yd Dnstr Deardruff D	-	1971	1972	0	0	0	6
MOR-13	NW Sewer Outfall at Morocco	-	1972	1972	0	0	0	6
MOR-14	Municipal Water Supply Morocco	-	1972	1972	-	0	0	6
REC-01	Rensselaer Sewage Treatment Plt	-	1975	1975	0	0	0	6
00017E	Wilmington Stp MP 282.2	-	1974	1974	-	0	-	6
00207G	IR .35 Mi Above Rt 150 Br 166.1	-	1973	1973	-	0	0	6
00217G	IR .1 Mi Above Peoria L&D 158.7	-	1973	1973	-	0	0	6
00227G	IR at Seven Mile is L&Day 156.5	-	1973	1973	-	0	0	6
00247G	IR at Macinaw R Light&Day 147.3	-	1973	1973	-	0	0	6
00257G	IR at Lancaster Landing Lt 143.2	-	1973	1973	-	0	0	6
00267G	IR at Woodyard Light&Day 132.0	-	1973	1973	-	0	0	6
00277G	IR at Thompson Ik SL L&Day 125.8	-	1973	1973	-	0	0	6
00287G	IR at Havana Light 117.6	-	1973	1973	-	0	0	6
00307G	IR at Hickory is Light&Day 100.9	-	1973	1973	-	0	0	6
00317C	Union Oil Lemont Intake MP296.7	-	1973	1973	-	0	0	6
00317G	IR at Sugar Creek is Light 94.3	-	1973	1973	-	0	0	6
00327C	Union Oil Lemont Effluentmp296.7	-	1973	1973	-	0	0	6
00327G	IR .1 Mi Above Beardstown BA88.0	-	1973	1973	-	0	0	6
00337C	Joliet Stp MP 286.5	-	1973	1973	-	0	0	6
00337G	IR at LaGrange Daymark 81.0	-	1973	1973	-	0	0	6
00347C	Union Oil Lemont EffluentMP296.7	-	1973	1973	-	0	0	6
00357C	Hickory Creek Above Joliet Stp	-	1973	1973	-	0	0	6
00357G	Ill R EJ&ERR MP 270.6	-	1973	1973	-	0	0	6
00367C	Hickory Creek Below Joliet Stp	-	1973	1973	-	0	0	6
00367G	Ill R at Rt47 Morris MP 263.5	-	1973	1973	-	0	0	6
00377C	600 Ft Downstream of Union Oil	-	1973	1973	-	0	0	6
00377G	Ill R at Rt170 Seneca MP252.7	-	1973	1973	-	0	0	6
00387C	600 Ft Upstream of Union Oil	-	1973	1973	-	0	0	6
00387G	Ill R at Marseilles MP 246.9	-	1973	1973	-	0	0	6
00397G	Illinois R at Ottawa MP 240.2	-	1973	1973	-	0	0	6
00407G	Illinois R at Ottawa MP 239.2	-	1973	1973	-	0	0	6
00417G	Ill R AboveStarved Rock L&D231.7	-	1973	1973	-	0	0	6
00427G	Ill R nr Utica Bridge MP 229.7	-	1973	1973	-	0	0	6

Table 8.--Discontinued water-quality stations in the Illinois River basin--Continued

Station No.	Station name	Drainage area (mi ²)	Period of record (water year)		Type of data ¹			Data source ²
			Begin	End	Biolog- ical	Phys- ical	Chem- ical	
00437G	Ill R LightsDayMark MP 219.8	-	1973	1973	-	0	0	6
00447G	Ill R LightsDayMark MP209.4	-	1973	1973	-	0	0	6
00457G	Ill R LightsDayMark MP 205.0	-	1973	1973	-	0	0	6
00467G	Federal Paper Bd Eff Morris264.3	-	1973	1973	-	0	0	6
00477G	Spring Creek MP 218.9	-	1973	1973	-	0	0	6
00487G	Spring Valley Stp MP 218.4	-	1973	1973	-	0	0	6
00497G	National Phosphate Eff1 MP 249.9	-	1973	1973	-	0	0	6
00507G	National Phosphate Eff2 MP249.9	-	1973	1973	-	0	0	6
00517G	Bureau Creek MP 209.2	-	1973	1973	-	0	0	6
00527G	Ill and Miss Canal MP 210.2	-	1973	1973	-	0	0	6
00537G	Aux Sable Creek MP 268.1	-	1973	1973	-	0	0	6
00547G	Vermillion R Rt71 MP226.2	-	1973	1973	-	0	0	6
00557G	Little Vermillion R. MP 225.6	-	1973	1973	-	0	0	6
00567G	Kankakee R County Rd MP272.8	-	1973	1973	-	0	0	6
00577G	Fox River Rt 6 MP 239.7	-	1973	1973	-	0	0	6
00587C	N Shore Ch at Emerson St MP338.6	-	1973	1973	-	0	0	6
00587G	Mason R N Mouth MP 263.5	-	1973	1973	-	0	0	6
00597C	N Shore Ch at Oakton St MP336.9	-	1973	1973	-	0	0	6
00607C	N Shore Ch at W Devon St MP334.9	-	1973	1973	-	0	0	6
00617C	N Shore Ch W Foster St MP333.4	-	1973	1973	-	0	0	6
00627C	N Branch Albany Av FtBr MP 333.4	-	1973	1973	-	0	0	6
00637C	N Branch W Addison MP331.4	-	1973	1973	-	0	0	6
00647C	N Branch N Ashland Ave MP329	-	1973	1973	-	0	0	6
00657C	N Branch W Kinzie MP325.8	-	1973	1973	-	0	0	6
00677C	Chicago R N Wells MP325.8	-	1973	1973	-	0	0	6
00697C	S Branch S Halsted MP322.8	-	1973	1973	-	0	0	6
00707C	San & Ship S California MP320	-	1973	1973	-	0	0	6
00717C	San & Ship S Cicero MP317.3	-	1973	1973	-	0	0	6
00727C	San & Ship S Harlem MP314	-	1973	1973	-	0	0	6
00787C	S&S Willow Springs Rd MP307.9	-	1973	1973	-	0	0	6
00807C	S&S Rt 83 MP304.1	-	1973	1973	-	0	0	6
00817C	Cal-Sag Channel Rt. 83 MP304.1	-	1973	1973	-	0	0	6
00837C	S&S Stephen St Br MP300.5	-	1973	1973	-	0	0	6
00847C	S&S Romeo Rd Br MP296.2	-	1973	1973	-	0	0	6
00877C	S&S 16th St Lockport MP292.2	-	1973	1973	-	0	0	6

00917C	DP R McDonough St Joliet MP287.3	-	1973	1973	-	0	0	6
00937C	DP R Brandon Rd Lock MP286	-	1973	1973	-	0	0	6
00947C	DP R North Ill Power Co MP285	-	1973	1973	-	0	0	6
00977C	DP Rock Run Bend Lite MP282.3	-	1973	1973	-	0	0	6
00997C	DP .1MI Above Treats Daym MP280	-	1973	1973	-	0	0	6
01017C	DP R I55 US66 Brdg MP278	-	1973	1973	-	0	0	6
01027C	DP R Du Page R Light MP276.8	-	1973	1973	-	0	0	6
01037C	DesPlains R nr Kakakee R 273.5	-	1973	1973	-	0	0	6
01047C	Little Cal at Wentworth 332.3	-	1973	1973	-	0	0	6
01057C	Thorn Creek at 167th 330.3	-	1973	1973	-	0	0	6
01067C	Grand Cal at Torrence 325.8	-	1973	1973	-	0	0	6
01087C	Little Cal at NYC RR Br 325.3	-	1973	1973	-	0	0	6
01097C	Little Cal at Indiana S Cr 325.1	-	1973	1973	-	0	0	6
01107C	Little Cal at Ashland N Cr 320.2	-	1973	1973	-	0	0	6
01117C	Little Cal at Halstead NCR320.15	-	1973	1973	-	0	0	6
01127C	Cal Sag at Ashland 319.0	-	1973	1973	-	0	0	6
01137C	Cal Sag at Cicero 314.93	-	1973	1973	-	0	0	6
01147C	Cal Sag at Harlem 311.13	-	1973	1973	-	0	0	6
01157C	Lansing Stp on IC MP 331.6	-	1973	1973	-	0	0	6
01167C	LC River 159th St MP328.0	-	1973	1973	-	0	0	6
01177C	LCR Ashland Ave South MP 321.8	-	1973	1973	-	0	0	6
01197C	Thorton Stp on Thorn Cr MP333.0	-	1973	1973	-	0	0	6
01207C	Thorton Rd at Thorn Cr MP333.3	-	1973	1973	-	0	0	6
01217C	Vincennes Ave Thorn Cr MP 335.7	-	1973	1973	-	0	0	6
01227C	Joe Orr Rd Thorn Cr MP 338.5	-	1973	1973	-	0	0	6
01237C	State St.Ditch MP 338.8	-	1973	1973	-	0	0	6
01247C	Bloomtownship SD on ThornCr338.7	-	1973	1973	-	0	0	6
01257C	Glenwood Rd Butterfd Cr 336.3	-	1973	1973	-	0	0	6
01267C	State St Deer Cr MP 337.1	-	1973	1973	-	0	0	6
01277C	Cal Union Ditch MP 325.7	-	1973	1973	-	0	0	6
01287C	Midlothian Cr Thorton Rd 321.1	-	1973	1973	-	0	0	6
01297C	Summit McCook at Rt171 MP 313.4	-	1973	1973	-	0	0	6
01307C	Ill Michigan Canal MP 289.9	-	1973	1973	-	0	0	6
01317C	Grant Creek MP 274.8	-	1973	1973	-	0	0	6
01327C	Jackson Cr near Mouth MP 279.3	-	1973	1973	-	0	0	6
01337C	SCM Glidden Durkee 276.5 Intake	-	1973	1973	-	0	0	6
01347C	SCM Glidden Durkee 276.5 Eff 001	-	1973	1973	-	0	0	6
01357C	Des Plaines Upst Glid Durk 276.8	-	1973	1973	-	0	0	6
01377C	Amoco Joliet 280.4 Eff 001 IWTP	-	1973	1973	-	0	0	6
01387C	Amoco Joliet 280.4 Intake	-	1973	1973	-	0	0	6
01397C	Des Plaines Upst Amoco 280.7	-	1973	1973	-	0	0	6
01407C	Des Plaines Downst Amoco 279.9	-	1973	1973	-	0	0	6
160067	Illinois River at Peoria	-	1960	1972	0	0	0	6
160098	Illinois River near Grafton	-	1961	1967	0	0	0	6
160111	N Wells Above Confl N. Branch	-	1961	1968	0	0	0	6

Table 8.--Discontinued water-quality stations in the Illinois River basin--Continued

Station No.	Station name	Drainage area (mi. ²)	Period of record (water year)		Type of data ¹			Data source ²
			Begin	End	Biological	Physical	Chemical	
160147	Lt Cal Control Pt. Wentworth Ave	-	1965	1972	0	0	0	6
1703A1	Money Creek	-	1973	1974	-	-	0	6
1703A2	Money Creek	-	1973	1974	-	-	0	6
170301	Lake Bloomington	-	1973	1973	0	0	0	6
170302	Lake Bloomington	-	1973	1973	0	0	0	6
170321	East Bay Camp Conference Center	-	1973	1974	-	-	0	6
1712D1	Grassy Creek	-	1973	1974	-	-	0	6
1714AA	Monticello Waste Water	-	1973	1974	-	-	0	6
1714A1	Sangamon River	-	1973	1974	-	-	0	6
1714A2	Sangamon River	-	1973	1974	-	-	0	6
1714B1	Unnamed Creek	-	1973	1974	-	-	0	6
1714C1	Big Creek	-	1973	1974	-	-	0	6
1714DA	Mount Zion	-	1973	1974	-	-	0	6
1714D1	Finley Creek	-	1973	1974	-	-	0	6
1714E1	Unnamed Stream	-	1973	1974	-	-	0	6
1714F1	Friends Creek	-	1973	1974	-	-	0	6
1714G1	Unnamed Stream	-	1973	1974	-	-	0	6
1714H1	Willow Branch	-	1973	1974	-	-	0	6
1714J1	Sand Creek	-	1973	1974	-	-	0	6
171401	Lake Decatur	-	1973	1973	0	0	0	6
171402	Lake Decatur	-	1973	1973	0	0	0	6
171403	Lake Decatur	-	1973	1973	0	0	0	6
1725A1	Squaw Creek	-	1973	1974	-	-	0	6
1725A2	Squaw Creek	-	1973	1974	-	-	0	6
1725BA	Village of Lake Villa	-	1973	1974	-	-	0	6
1725B1	Eagle Creek	-	1973	1974	-	-	0	6
1725CA	Round Lake Sanitary District	-	1973	1974	-	-	0	6
1725CB	Travenol Labs Inc. (Round Lake)	-	1973	1974	-	-	0	6
1725C1	Unnamed Stream	-	1973	1974	-	-	0	6
1725DA	Heppner Mfg Co. Round Lake	-	1973	1974	-	-	0	6
172501	Long Lake	-	1973	1973	0	0	0	6
172502	Long Lake	-	1973	1973	0	0	0	6
1727BA	Village of Antioch	-	1973	1974	-	-	0	6
1727B1	Sequoit Creek	-	1973	1974	-	-	0	6
1727C1	Bluff Lake/Lake Marie Connection	-	1973	1974	-	-	0	6

1727D1	Lk Marie/Grass Lk Connection	-	1973	1974	-	-	0	6
1727D1	Lk Marie/Grass Lk Connection	-	1973	1974	-	-	0	6
172701	Lake Marie	-	1973	1973	0	0	0	6
172702	Lake Marie	-	1973	1973	0	0	0	6
1733AA	Herbron Municipal	-	1973	1974	-	-	0	6
1733AB	Hebron Industrial	-	1973	1974	-	-	0	6
1733A1	Nippersink Creek	-	1973	1974	-	-	0	6
1733B1	Nippersink/Pistakee Lk Connectio	-	1973	1974	-	-	0	6
1733C1	Redhead/Pistakee Lk Connection	-	1973	1974	-	-	0	6
1733D1	Lac Louette/Pistakee Lk Connecti	-	1973	1974	-	-	0	6
1733E1	Fox River	-	1973	1974	-	-	0	6
1733F1	Fox River	-	1973	1974	-	-	0	6
173301	Pistakee Lake	-	1973	1973	0	0	0	6
173302	Pistakee Lake	-	1973	1973	0	0	0	6
1742A1	Sugar Creek	-	1973	1974	-	-	0	6
1742A2	Sugar Creek	-	1973	1974	-	-	0	6
1742B1	Panther Creek	-	1973	1974	-	-	0	6
1742C1	Lick Creek	-	1973	1974	-	-	0	6
1742D1	Polecat Creek	-	1973	1974	-	-	0	6
1742XA	Auburn	-	1973	1974	-	-	0	6
174201	Lake Springfield	-	1973	1973	0	0	0	6
174202	Lake Springfield	-	1973	1973	0	0	0	6
174203	Lake Springfield	-	1973	1973	0	0	0	6
174204	Lake Springfield	-	1973	1973	0	0	0	6
174205	Lake Springfield	-	1973	1973	0	0	0	6
1750AA	Woodstock Stp	-	1973	1974	-	-	0	6
1750A1	Nippersink Creek	-	1973	1974	-	-	0	6
1750A2	Nippersink Creek	-	1973	1974	-	-	0	6
175001	Wonder Lake	-	1973	1973	0	0	0	6
175002	Wonder Lake	-	1973	1973	0	0	0	6
1752A1	Unnamed Outlet	-	1973	1974	-	-	0	6
175201	Depue Lake	-	1973	1973	0	0	0	6
175221	Depue S.T.P.	-	1973	1974	-	-	0	6
1753A1	Unnamed Creek	-	1973	1974	-	-	0	6
1753B1	Clear Creek (eastern)	-	1973	1974	-	-	0	6
1753C1	Unnamed Creek	-	1973	1974	-	-	0	6
1753D1	Unnamed Creek	-	1973	1974	-	-	0	6
1753E1	Clear Creek (western)	-	1973	1974	-	-	0	6
175301	Lake Sangchris	-	1973	1973	0	0	0	6
175302	Lake Sangchris	-	1973	1973	0	0	0	6
175303	Lake Sangchris	-	1973	1973	0	0	0	6
175321	Commonwealth Edison Statn Deschrg	-	1973	1974	-	-	0	6
175331	Commonwealth Edison Toby Pumphou	-	1973	1974	-	-	0	6
1754A1	Somonauk Creek	-	1973	1974	-	-	0	6
1754A2	Somonauk Creek	-	1973	1974	-	-	0	6

Table 8.--Discontinued water-quality stations in the Illinois River basin--Continued

Station No.	Station name	Drainage area (mi ²)	Period of record (water year)		Type of data ¹			Data source ²
			Begin	End	Biolog- ical	Phys- ical	Chem- ical	
175401	Lake Holiday	-	1973	1973	0	0	0	6
175402	Lake Holiday	-	1973	1973	0	0	0	6
1755A1	Grass/Fox Lk Connection	-	1973	1974	-	-	0	6
1755B1	Pettite/Fox Lake Connection	-	1973	1974	-	-	0	6
1755C1	Squaw Creek	-	1973	1974	-	-	0	6
1755D1	Nippersink/Pistakee Lk Connectio	-	1973	1974	-	-	0	6
175501	Fox Lake	-	1973	1973	0	0	0	6
175502	Fox Lake	-	1973	1973	0	0	0	6
1756A1	Fox River	-	1973	1974	-	-	0	6
1756B1	Marion/Grass Lk Connection	-	1973	1974	-	-	0	6
1756C1	Grass/Fox Lake Connection	-	1973	1974	-	-	0	6
175601	Grass Lake	-	1973	1973	0	0	0	6
175602	Grass Lake	-	1973	1973	0	0	0	6
1757A1	Unnamed Stream	-	1973	1974	-	-	0	6
1757B1	Loon/E Loon Lk Connection	-	1973	1974	-	-	0	6
1757C1	Unnamed Stream	-	1973	1974	-	-	0	6
175701	East Loon Lake	-	1973	1973	0	0	0	6
1758AA	Waconda	-	1973	1974	-	-	0	6
1758A1	Unnamed Stream	-	1973	1974	-	-	0	6
1758A2	Unnamed Stream	-	1973	1974	-	-	0	6
1758C1	Unnamed Stream	-	1973	1974	-	-	0	6
175801	Slocum Lake	-	1973	1973	0	0	0	6
175901	Cedar Lake	-	1973	1973	0	0	0	6
175921	Allendale School for Boys	-	1973	1974	-	-	0	6
1761A1	Put Creek	-	1973	1974	-	-	0	6
1761A2	Put Creek	-	1973	1974	-	-	0	6
176101	Lake Wematuk	-	1973	1973	0	0	0	6
176102	Lake Wematuk	-	1973	1973	0	0	0	6
1851A1	Cedar Lake Ditch	-	1973	1974	-	-	0	6
185101	Bass Lake	-	1973	1973	0	0	0	6
185102	Bass Lake	-	1973	1973	0	0	0	6
185103	Bass Lake	-	1973	1973	0	0	0	6
555701	Pewaukee Lake	-	1972	1972	0	0	0	6
555702	Pewaukee Lake	-	1972	1972	0	0	0	6
5559A1	Fox River	-	1972	1973	-	-	0	6

5559A2	Fox River	-	1972	1973	-	-	0	6
5559A3	Fox River	-	1972	1973	-	-	0	6
5559A4	Fox River	-	1972	1973	-	-	0	6
5559B1	Mukwonago River	-	1972	1973	-	-	0	6
5559B2	Mukwonago River	-	1972	1973	-	-	0	6
555902	Tichigan Lake	-	1972	1972	0	0	0	6
555950	City of Waukesha	-	1973	1974	-	-	0	6
556001	Browns Lake	-	1972	1972	0	0	0	6
5561A1	White River	-	1972	1973	-	-	0	6
556102	Lake Geneva	-	1972	1972	0	0	0	6
556103	Lake Geneva	-	1972	1972	0	0	0	6
5562A1	Como Creek	-	1972	1973	-	-	0	6
556201	Lake Como	-	1972	1972	0	0	0	6
556901	Middle Lake	-	1972	1972	0	0	0	6
303001	Fox (Illinois) River at Wilmot	-	1961	-	0	0	0	17
303002	Des Plaines R at Pleasant Prairie	-	1961	-	0	0	0	17
303030	Bristol Water Utility	-	1976	1976	-	0	-	17
303120	Elizabeth Lake	-	1973	1974	-	0	0	17
303121	Marie Lake	-	1973	1975	-	0	0	17
303123	Silver Lake	-	1973	1975	-	0	0	17
523017	Pkg Corp of America Burlington	-	1976	-	0	0	0	17
523018	Nestle Co Burlington	-	1976	1976	-	0	0	17
523020	Lavelle Indus Inc Burlington	-	1976	-	-	0	0	17
523020	Lavelle Indus Inc Burlington	-	1976	-	-	0	0	17
523023	Culligan Soft Water Burlington	-	1976	-	-	0	0	17
523024	Culligan Water Cond Union Grove	-	1976	1976	-	0	-	17
523046	Fonks Mobile Home Prk Schoen Rd	-	1976	1976	0	0	0	17
523056	Murphy Products Co Burlington	-	1976	1976	-	0	0	17
523120	Browns Lake	-	1973	1979	-	0	0	17
523121	Fox River	-	1973	1975	-	0	0	17
523122	Tichigan Lake	-	1973	1975	-	0	0	17
523123	Muskego Canal	-	1973	1975	-	0	0	17
523124	Wind Lake	-	1973	1975	-	0	0	17
653047	Coca Cola Sheridan Spg Lk Geneva	-	1976	1976	-	0	0	17
653056	Crucible Trent Tube Plt 2&3 001	-	1976	-	-	0	0	17
653057	Crucible Trent Tube Plt 2&3 002	-	1976	-	-	0	0	17
653121	Beulah Lake	-	1973	1975	-	0	0	17
653122	Geneva Lake	-	1975	1975	-	0	0	17
653124	Middle Lake	-	1973	1975	-	0	0	17
653125	Mill Lake	-	1973	1975	-	0	0	17
683007	Rte Corp Waukesha 001	-	1976	-	-	0	0	17
683008	Rte Corp Waukesha 002	-	1976	-	-	0	0	17
683032	Sussex (STP)	-	1976	1979	0	0	0	17
683035	Waukesha (STP)	-	1976	-	-	0	0	17
683039	Waukesha Motor Co Waukesha	-	1976	1976	-	0	0	17

Table 8.--Discontinued water-quality stations in the Illinois River basin--Continued

Station No.	Station name	Drainage area (mi ²)	Period of record (water year)		Type of data ¹			Data source ²
			Begin	End	Biological	Phys- ical	Chem- ical	
683051	General Casting Corp Waukeshah001	-	1976	1976	-	0	0	17
683053	General Casting Corp Waukeshah003	-	1976	1976	-	0	0	17
683064	Mammoth Springs Cng Corp Sussex	-	1976	1976	-	0	0	17
683078	New Berlin Stp Regal Manor Plt	-	1979	-	0	0	0	17
683079	Elmbrook Memorial Hosp Brookfld	-	1976	1976	-	0	0	17
683081	Howard B Stark Co Pewaukee 001	-	1977	-	-	-	0	17
683084	Payne & Dolan of Wis Waukeshah001	-	1976	-	-	0	0	17
683126	Little Muskego Lake Inlet	-	1974	1975	-	0	0	17
683127	Little Muskego Lake	-	1973	1975	-	0	0	17
683143	Pewaukee Lake	-	1973	1975	-	0	0	17

¹ 0 - One or more parameters have been collected in the past.

- ² 6 - U.S. Environmental Protection Agency
8 - U.S. Geological Survey
12 - Illinois Department of Public Health
13 - Illinois Division of Water Resources
14 - Illinois Environmental Protection Agency
15 - Illinois State Water Survey
16 - Indiana Division Stream Pollution Control
17 - Wisconsin Department of Natural Resources
19 - Metropolitan Sanitary District of Greater Chicago

Table 9.--Discontinued sediment stations in the Illinois River basin

[Dash indicates no data or data not provided; footnotes are at end of table]

Station No.	Station name	Drainage area (mi ²)	Period of record (water year)		Type of data ¹					Data source ²
			Begin	End	Sediment bedload	Suspended sediment concentration	Bed material particle size	Suspended sediment discharge		
05515000	Kankakee River near North Liberty, Ind.	174	1978	1979	-	0	-	0	0	8
05516500	Yellow River at Plymouth, Ind.	294	1979	1980	-	0	-	0	0	8
05518000	Kankakee River at Shelby, Ind.	1,779	1963	1979	-	0	-	0	0	8
05520500	Kankakee River at Mokence, Ill.	2,294	1979	1981	-	0	-	0	0	8
05521000	Iroquois River at Rosebud, Ind.	35.6	1977	1979	-	0	-	0	0	8
05524500	Iroquois River near Foresman, Ind.	449	1968	1978	0	0	0	0	0	8
05525000	Iroquois River at Iroquois, Ill.	686	1979	1980	-	0	-	0	0	8
05525000	Iroquois River at Iroquois, Ill	686	1980	1983	-	0	0	0	0	15
05525500	Sugar Creek at Milford, Ill.	446	1980	1981	-	0	0	0	0	15
05526000	Iroquois River near Chebanse, Ill.	2,091	1979	1981	-	0	-	0	0	8
05526000	Iroquois River near Chebanse, Ill.	2,091	1981	1983	-	0	0	0	0	15
05527500	Kankakee River near Wilmington, Ill.	5,150	1979	1982	-	0	-	0	0	8
05529000	Des Plaines River at Des Plaines, Ill.	360	1980	1981	-	0	0	0	0	15
05532500	Des Plaines River at Riverside, Ill.	630	1979	1982	-	0	-	0	0	8
05538010	Des Plaines River at Rockdale, Ill.	1,506	1973	1980	0	-	-	-	-	8
05539000	Hickory Creek at Joliet, Ill.	107	1980	1981	-	0	0	0	0	15
05540500	Du Page River at Shorewood, Ill.	324	1980	1981	-	0	0	0	0	15
05542000	Mazon River near Coal City, Ill.	455	1979	1981	-	0	-	0	0	8
05543830	Fox River at Waukesha, Wis.	126	1970	1974	-	0	-	0	0	8
05544200	Mukwonago River at Mukwonago, Wis.	74.1	1973	1981	-	0	-	0	0	8
05545100	Sugar Creek at Elkhorn, Wis.	6.68	1975	1975	-	0	-	0	0	8
05545300	White River near Burlington, Wis.	110	1973	1974	-	0	-	0	0	8
05545334	Fox River at Burlington, Wis.	-	1973	1977	-	0	-	0	0	8
05546500	Fox River at Wilmet, Wis.	868	1973	1981	-	0	-	0	0	8
05546700	Fox River near Channel Lake, Ill.	871	1975	1977	-	0	-	0	0	8

Table 9.--Discontinued sediment stations in the Illinois River basin--Continued

Station No.	Station name	Drainage area (mi ²)	Period of record (water year)		Type of data ¹					Data source ²
			Begin	End	Sediment bedload	Suspended sediment concentration	Bed material particle size	Suspended sediment discharge		
05548280	Nippersink Creek near Spring Grove, Ill.	192	1975	1977	-	0	-	0	0	8
05550000	Fox River at Algonquin, Ill.	1,403	1980	1981	-	0	0	0	0	15
05551200	Person Creek near St. Charles, Ill.	51.7	1980	1982	-	0	0	0	0	15
05551540	Fox River at Montgomery, Ill.	1,732	1980	1983	-	0	0	0	0	15
05552500	Fox River at Dayton, Ill.	2,642	1980	1981	-	0	0	0	0	15
05554490	Vermilion River at McDowell, Ill.	49.0	1980	1981	-	0	0	0	0	15
05555300	Vermilion River near Leonore, Ill.	1,251	1980	1981	0	0	-	0	0	8
05563000	Kickapoo Creek near Kickapoo, Ill.	119	1980	1980	-	0	0	0	0	8
05563500	Kickapoo Creek at Peoria, Ill.	297	1979	1981	-	0	-	0	0	8
05564400	Money Creek near Towanda, Ill.	49.0	1980	1981	-	0	0	0	0	15
05566500	East Branch Panther Creek at El Paso, Ill.	30.5	1980	1981	-	0	0	0	0	15
05567510	Mackinaw River below Congerville, Ill.	776	1980	1981	-	0	0	0	0	15
05568005	Mackinaw River below Green Valley, Ill.	1,092	1980	1891	-	0	0	0	0	15
05568450	Little Lamarsh Creek at Mapleton, Ill.	8.06	1979	1980	-	0	0	0	0	8
05568772	Jack Creek at Modena, Ill.	15.7	1979	1981	-	0	-	0	0	8
05568800	Indian Creek near Wyoming, Ill.	62.7	1980	1981	-	0	0	0	0	8
05568895	Snakeden Hollow near Dahinda, Ill.	9.82	1980	1980	-	0	-	0	0	8
05569920	Coal Creek near Fairview, Ill.	28.2	1980	1980	-	0	-	0	0	8
05569968	Turkey Creek near Fiatt, Ill.	11.5	1978	1980	-	0	0	0	0	8
05570000	Spoon River at Seville, Ill.	1,636	1981	1981	-	0	0	0	0	8
05570330	West Branch Big Creek near Canton, Ill.	4.24	1978	1980	-	0	-	0	0	8
05570350	Big Creek at St. David, Ill.	28.0	1972	1980	0	0	0	0	0	8
05570360	Evelyn Branch near Bryant, Ill.	5.78	1979	1980	-	0	-	0	0	8
05570380	Slug Run near Bryant, Ill.	7.12	1976	1980	0	0	0	0	0	8
05575830	Brush Creek near Divernon, Ill.	32.4	1980	1981	-	0	0	0	0	8

Table 9.--Discontinued sediment stations in the Illinois River basin--Continued

Station No.	Station name	Drainage area (mi ²)	Period of record (water year)		Type of data ¹					Data source ²
			Begin	End	Sediment bedload	Suspended sediment concentration	Bed material particle size	Suspended sediment discharge		
05576000	South Fork Sangamon River near Rochester, Ill.	867	1979	1981	-	0	0	-	-	8
05576022	South Fork Sangamon River below Rochester, Ill.	870	1980	1982	-	0	0	0	0	15
05576500	Sangamon River at Riverton, Ill.	2,618	1980	1983	-	0	0	0	0	15
05577500	Spring Creek at Springfield, Ill.	107	1980	1981	-	0	0	0	0	8
05578500	Salt Creek near Rowell, Ill.	335	1980	1983	-	0	0	0	0	15
05582000	Salt Creek near Greenville, Ill.	1,804	1980	1983	-	0	0	0	0	15
05584680	Grindstone Creek near Industry, Ill.	35.5	1981	1981	-	0	0	0	0	8
05584685	Grindstone Creek near Birmingham, Ill.	46.5	1981	1981	-	0	0	0	0	8
05585000	La Moine River at Ripley, Ill.	1,293	1981	1981	-	0	0	0	0	8
05586860	Bear Creek at Chesterfield, Ill.	26.7	1980	1981	-	0	0	0	0	8
05586890	Hodges Creek near Rockbridge, Ill.	233	1979	1981	-	0	0	0	0	8
05587000	Macoupin Creek near Kane, Ill.	868	1974	1981	-	0	0	-	-	8
05587000	Macoupin Creek near Kane, Ill.	868	1980	1981	-	0	0	-	-	15
400121090252600	Muscooten Bay MB-4	-	1976	1976	0	-	-	-	-	8
400124090253700	Muscooten Bay MB-5	-	1976	1976	0	-	-	-	-	8
400124090254900	Muscooten Bay MB-1	-	1976	1976	0	-	-	-	-	8
400127090254300	Muscooten Bay MB-2	-	1976	1976	0	-	-	-	-	8
400129090253200	Muscooten Bay MB-3	-	1976	1976	0	-	-	-	-	8
-	Illinois River at river mile 21.3	-	1979	1982	-	-	0	-	-	3
-	Illinois River at river mile 31.0	-	1979	1982	-	-	0	-	-	3
-	Illinois River at river mile 35.0	-	1979	1982	-	-	0	-	-	3
-	Illinois River at river mile 36.3	-	1979	1982	-	-	0	-	-	3
-	Illinois River at river mile 36.7	-	1979	1982	-	-	0	-	-	3
-	Illinois River at river mile 41.7	-	1979	1982	-	-	0	-	-	3
-	Illinois River at river mile 43.2	-	1979	1982	-	-	0	-	-	3
-	Illinois River at river mile 47.0	-	1979	1982	-	-	0	-	-	3
-	Illinois River at river mile 54.0	-	1979	1982	-	-	0	-	-	3
-	Illinois River at river mile 58.5	-	1979	1982	-	-	0	-	-	3
-	Illinois River at river mile 61.5	-	1979	1982	-	-	0	-	-	3
-	Illinois River at river mile 67.5	-	1979	1982	-	-	0	-	-	3

Table 9.--Discontinued sediment stations in the Illinois River basin--Continued

Station No.	Station name	Drainage area (mi ²)	Period of record		Type of data ¹					Data source ²
			(water year)		Sediment bedload	Suspended sediment concentration	Bed material particle size	Suspended sediment discharge		
			Begin	End						
-	Illinois River at river mile 68.5	-	1979	1982	-	-	0	-	3	
-	Illinois River at river mile 69.5	-	1979	1982	-	-	0	-	3	
-	Illinois River at river mile 70.5	-	1979	1982	-	-	0	-	3	
-	Illinois River at river mile 71.5	-	1979	1982	-	-	0	-	3	
-	Illinois River at river mile 72.5	-	1979	1982	-	-	0	-	3	
-	Illinois River at river mile 73.5	-	1979	1982	-	-	0	-	3	
-	Illinois River at river mile 74.5	-	1979	1982	-	-	0	-	3	
-	Illinois River at river mile 75.0	-	1979	1982	-	-	0	-	3	
-	Illinois River at river mile 75.5	-	1979	1982	-	-	0	-	3	
-	Illinois River at river mile 75.6	-	1979	1982	-	-	0	-	3	
-	Illinois River at river mile 78.0	-	1979	1982	-	-	0	-	3	

¹ 0 - One or more parameters have been collected in the past.

² 3 - U.S. Army Corps of Engineers, St. Louis District

8 - U.S. Geological Survey

15 - Illinois State Water Survey

Table 10.--Sources of general information on selected major floods for the Illinois River basin

Year of flood	Data source
1844, 1851, 1858, 1913, 1922, 1926, 1927, 1933, 1943, 1944, 1962, 1970, 1973, 1974, 1979	U.S. Army Corps of Engineers, 1982a, Eldred and Spankey Drainage and Levee District, Illinois, Final re-evaluation report and environmental impact statement: St. Louis District, 29 p., appendices.
1938, 1948, 1950, 1954, 1957, 1960, 1961, 1962	U.S. Army Corps of Engineers, 1966, Flood plain information report on the Des Plaines River, Illinois and Wisconsin: Chicago District, 36 p., plates.
1943	Illinois Department Public and Buildings, 1944, The floods of May 1943 in Illinois: Division of Waterways, 168 p.
1954	Daniels, W. S., and Hale, M. D., 1958, Floods of October 1954 in the Chicago area, Illinois and Indiana: U.S. Geological Survey Water-Supply Paper 1370-B, p. 107-200.
1982	Sauer, V. B., and Fulford, J. M., 1983, Floods of December 1982 and January 1983 in central and southern Mississippi River basin: U.S. Geological Survey Open-File Report 83-213, 41 p.

Table 11.--Major-flood data for stream-gaging stations

Station No.	Station name	Drainage area (mi ²)	Period of record	Maximum	
				Date	Gage height (ft)
05520500	Kankakee River at Momence, Ill.	2,294	1905,06, 1914-	3-06-79	^b 10.51
05527500	Kankakee River near Wilmington, Ill.	5,150	1933-	7-13-57 1-30-68 1883,1887	11.40 ^b 13.88 ^c 16.73
05532500	Des Plaines River at Riverside, Ill.	630	1943-	3-18-19	-
05536000	North Branch Chicago River at Niles, Ill.	100	1950-	6-11-67	9.83
05540500	Du Page River at Shorewood, Ill.	324	1940-	10-11-54	11.06
05542000	Mazon River near Coal City, Ill.	455	1939-	12-04-82 8-08-24	19.51 ^{c, d} 21.0
05543500	Illinois River at Marseilles, Ill.	8,259	1919-	12-04-82	16.78
05552500	Fox River at Dayton, Ill.	2,642	1914-	10-11-54 1-25-60	24.63 ^b 36.47
05555300	Vermilion River near Leonore, Ill.	1,251	1931-	7-15-58	^e 15.30
05558300	Illinois River at Henry, Ill.	13,543	1982-	12-07-82	30.70
05567500	Mackinaw River near Congerville, Ill.	767	1944-	12-04-82	20.21
05568500	Illinois River at Kingston Mines, Ill.	15,819	1939-	12-07-82 12-09-82 5-23-43	23.86 24.37 26.02
05570000	Spoon River at Seville, Ill.	1,636	1914-	8-22-24 1883	30.77 ^{b, c} 33.0

on the Illinois River and selected tributaries

Flood data						
flood		Second highest flood				Data source ¹
Dis-charge (ft ³ /s)	Fre-quency ^a (years)	Date	Gage height (ft)	Dis-charge (ft ³ /s)	Fre-quency ^a (years)	
16,000	>100	3-05-76	6.44	11,900	45	8
75,900	>100	12-03-82	8.53	62,700	60	8
-	-	-	-	-	-	
-	-	-	-	-	-	
c7,450	60	3-20-48	8.28	6,510	20	8
2,210	100	7-13-57	9.28	1,850	25	8
12,000	80	3-19-48	10.10	11,000	50	8
22,400	70	7-15-58	19.70	17,600	15	8
-	-	-	-	-	-	
94,100	50	7-14-57	15.20	93,900	50	8
47,100	>100	3-20-79	17.35	29,800	30	8
-	-	-	-	-	-	
33,500	40	12-04-82	27.13	31,800	30	8
108,000	-	3-22-82	30.75	104,000	-	8
44,800	>100	7-09-51	19.41	36,000	50	8
88,800	45	5-23-43	26.02	83,100	25	8
-	-	-	-	-	-	
-	-	-	-	-	-	
37,300	100	6-24-74	31.82	36,400	90	8
-	-	-	-	-	-	

Table 11.--Major-flood data for stream-gaging stations on

Station No.	Station name	Drainage area (mi ²)	Period of record	Maximum	
				Date	Gage height (ft)
05570500	Illinois River at Havana, Ill.	18,299	-	12-09-82	-
05572000	Sangamon River at Monticello, Ill.	550	1908-12, 1914-	10-04-26	18.50
05583000	Sangamon River near Oakford, Ill.	5,093	1909-	5-20-43	25.63
05585000	La Moine River at Ripley, Ill.	1,293	1921-	9-27-70	28.42
05585500	Illinois River at Meredosia, Ill.	26,028	1921-	5-26-43	28.61
05587000	Macoupin Creek near Kane, Ill.	868	1921-	5-18-43	28.5

a - Frequency based on station record through 1983 water year.

b - Gage height affected by ice.

c - Extreme outside of period of record.

d - Approximately.

e - At former site and datum.

1 8 - U.S. Geological Survey

the Illinois River and selected tributaries--Continued

Flood data						
flood		Second highest flood				Data source ¹
Dis-charge (ft ³ /s)	Fre-quency ^a (years)	Date	Gage height (ft)	Dis-charge (ft ³ /s)	Fre-quency ^a (years)	
80,200	-	-	-	-	-	8
19,000	80	3-25-13	17.70	16,700	45	8
123,000	>100	12-05-82	23.65	68,700	40	8
24,100	50	12-05-82	27.27	21,000	25	8
123,000	50	12-12-82	26.40	112,000	25	8
40,000	80	4-12-79	26.51	27,800	20	8

Table 12.--Sources of water-surface profiles for major floods on the
Illinois River and selected tributaries

[Dash indicates no data or data not provided]

River	Location	River mile	Flood year	Data source ¹	Remarks
Des Plaines	Channahon quadrangle	0-13	1957, 1966	8	Hydrologic Investigations Atlas HA-362
Des Plaines	Elwood quadrangle	11-14	1957, 1966	8	Hydrologic Investigations Atlas HA-254
Des Plaines	Joliet quadrangle	12-23	1957, 1960	8	Hydrologic Investigations Atlas HA-89
Des Plaines	Romeoville quadrangle	22-29	1957, 1960	8	Hydrologic Investigations Atlas HA-146
Des Plaines	Sag Bridge quadrangle	28-37	1957, 1960	8	Hydrologic Investigations Atlas HA-149
Des Plaines	Berwyn quadrangle	35-50	1950, 1957, 1966	8	Hydrologic Investigations Atlas HA-252
Des Plaines	Palos Park quadrangle	36-37	1960	8	Hydrologic Investigations Atlas HA-145
Des Plaines	River Forest quadrangle	49-62	1938, 1950, 1948, 1960	8	Hydrologic Investigations Atlas HA-206
Des Plaines	Park Ridge quadrangle	61-67	1938, 1950, 1960	8	Hydrologic Investigations Atlas HA-85
Des Plaines	Arlington Heights quadrangle	63-75	1938, 1950, 1960	8	Hydrologic Investigations Atlas HA-67
Des Plaines	Wheeling quadrangle	73-85	1938, 1950, 1960	8	Hydrologic Investigations Atlas HA-71
Des Plaines	Libertyville quadrangle	84-98	1938, 1960, 1962	8	Hydrologic Investigations Atlas HA-88
Des Plaines	Wadsworth quadrangle	97-111	1960, 1962	8	Hydrologic Investigations Atlas HA-144
Fox	Aurora North quadrangle	48-59	1948, 1954	8	Hydrologic Investigations Atlas HA-70
Fox	Geneva quadrangle	56-71	1954, 1960	8	Hydrologic Investigations Atlas HA-142

Fox	Elgin quadrangle	68-83	1960, 1962	8	Hydrologic Investigations Atlas HA-147
Fox	Crystal Lake quadrangle	78-87	1960, 1962	8	Hydrologic Investigations Atlas HA-253
Fox	Barrington quadrangle	83-97	1960, 1962	8	Hydrologic Investigations Atlas HA-150
Fox	Wauconda quadrangle	93-105	1960, 1962	8	Hydrologic Investigations Atlas HA-207
Fox	McHenry quadrangle	98-104	1960, 1962	8	Hydrologic Investigations Atlas HA-255
Fox	Fox Lake quadrangle	98-117	1960, 1962	8	Hydrologic Investigations Atlas HA-151
Fox	Ottawa bridge to Dayton Dam	-	1960	2	At 6 locations
Fox	Ottawa bridge to McHenry Dam	-	1947	2	20 Sheets
Illinois	Florence to Beardstown	53-86	1979, 1982	13	-
Illinois	Hennepin to Seneca	208-253	1982	15	Miscellaneous high-water marks
Illinois	La Grange Lock and Dam to Starved Rock Lock and Dam	80-231	1982	2	-
Illinois	La Grange and Peoria pools	80-231	1983	2	-
Illinois	Mouth (Grafton) to Beardstown	0-88	1943, 1973, 1974, 1979	3	Report available (a)
Illinois	Mouth (Grafton) to Starved Rock	0-231	1844-1922	2	Principal high-water and low- water lines. Dated 1929
Illinois	Mouth (Grafton) to Starved Rock Lock and Dam	0-231	1943, 1979, 1982	2	Profile of thalweg. Dated 1984
Illinois	Marseilles pool to Dresden Island pool	247-271	1957	2	-
Illinois Waterway	Marseilles to Lockport Lock and Dam	247-291	1957	13	Illinois River model study - miscellaneous information. Dated 1972
Illinois Waterway	Mouth (Grafton) to Lake Michigan, Chicago	0-327	1943	2	Report available (b)

Table 12.--Sources of water-surface profiles for major floods on the Illinois River and selected tributaries

River	Location	River mile	Flood year	Data source ¹	Remarks
Illinois Waterway	Mouth (Grafton) to Lockport Lock and Dam	0-291	1943	13,8	Report available (c)
Illinois Waterway	Mouth (Grafton) to Lockport Lock and Dam	0-291	-	2	High-water profile. Dated 1975
Illinois Waterway	Starved Rock Lock and Dam to Joliet	231-289	1883, 1892, 1904, 1916	2	Sheet 4 of 4
Illinois Waterway	Starved Rock Lock and Dam to Lockport Lock and Dam	231-291	1947, 1957, 1970, 1979, 1982	2	Profile of thalweg
Illinois Waterway	Starved Rock Lock and Dam to mouth of Chicago River	231-327	1883, 1892, 1904, 1916, 1926, 1957	2	Sheets 2 of 2
Kickapoo Creek	Peoria County, mouth to Evans Mill Highway	0-26	1951, 1964, 1974	13	-
La Moine	Mouth to US Highway No. 136	0-80	1970, 1980	2	Profile for high-water elevations
Mackinaw	Mouth to Congerville	0-64	1943	13,8	Report available (c)
Mackinaw	Mouth to river mile 65	0-65	1951, 1974, 1980	2	-
Sangamon	Mouth to Centerville	0-176	1943	13,8	Report available (c)
Spoon	Mouth to river mile 80	0-80	1924, 1970, 1974	2	-
Vermillion	Mouth to McDowell	0-73	1943	13,8	Report available (c)

a - U.S. Army Corps of Engineers, St Louis District, 1982a, Eldred and Spankey Drainage and Levee District, Illinois, Final Reevaluation Report and Environmental Impact Statement, 29 p., appendices.

b - U.S. Army Corps of Engineers, Chicago District, 1974, Charts of the Illinois Waterway: 77 p.

c - Illinois Department of Public Works and Buildings, Division of Waterways, The Floods of May 1943 in Illinois: 168 p.

- 1 2 - U.S. Army Corps of Engineers, Rock Island District
- 3 - U.S. Army Corps of Engineers, St. Louis District
- 8 - U.S. Geological Survey
- 13 - Illinois Division of Water Resources
- 15 - Illinois State Water Survey

Table 13.--Bridges and other structures spanning the Illinois Waterway from Lockport Lock to the mouth, river mile 291.1 to river mile 0

[Dash indicates no data or data not provided; * - going downstream]

Location	Type	River mile	Draw openings-clear width normal to channel			Clearance		Remarks
			Right* (feet)	Left* (feet)	Center (feet)	height above pool level (feet)	height above high water (feet)	
Lockport	Foot	291.1	-	-	110	-	51.3	Fixed overhead bridge
Lockport	Lock and dam	291.1	-	-	-	-	-	Lock 600 feet long; 110 feet wide
Lockport--Elgin, Joliet and Eastern Railway	Railway	290.1	-	-	225	24.6	20.1	Vertical lift; span raises 26.8 feet above heights shown
Joliet--Ruby Street	Highway	288.7	200	-	-	16.6	13.0	Bascule; clear heights are for 105-foot width
Joliet--Jackson Street	Highway	288.4	-	-	150	16.6	13.2	Bascule; clear heights are for 80-foot width
Joliet--Cass Street	Highway	288.1	-	-	150	16.6	13.4	Bascule; clear heights are for 80-foot width
Joliet--Jefferson Street	Highway	287.9	-	-	150	16.6	13.7	Bascule; clear heights are for 80-foot width
Joliet--Chicago, Rock Island and Pacific Railway	Railway	287.6	-	-	150	9.5	6.8	Vertical lift; span raises 41.5 feet above heights shown
Joliet--McDonough Street	Highway	287.3	-	-	150	16.5	14.0	Bascule; clear heights are for 80-foot width
Joliet--Interstate 80	Highway	287.0	-	-	300	46.9	43.3	Fixed twin bridges
Brandon Road	Lock and dam	286.0	-	-	-	-	-	Lock 600 feet long; 110 feet wide
Rockdale--Brandon Road	Highway	285.8	-	-	110	-	8.2	Bascule
Rockdale	Overhead conveyor	284.9	-	-	480	-	48.0	Suspension
Interstate 55	Highway	277.9	-	-	420.6	47.2	41.8	Fixed twin bridges

Table 13.--Bridges and other structures spanning the Illinois Waterway from Lockport Lock to the mouth, river mile 291.1 to river mile 0--Continued

Location	Type	River mile	Draw openings--clear width normal to channel			Clearance		Remarks
			Right* (feet)	Left* (feet)	Center (feet)	height above pool (feet)	height above high water (feet)	
Dresden Island	Lock and dam	271.5	-	-	-	-	-	Lock 600 feet long; 110 feet wide
Divine--Elgin, Joliet and Eastern Railway	Railway	270.6	-	-	113.6	26.3	8.2	Vertical lift; span raises 30.3 feet above heights shown
Morris--State Route 47	Highway	263.5	-	-	350	50.4	34.9	Fixed
Seneca--Chicago, Rock Island and Pacific Railway	Railway	254.1	-	-	141	19.9	7.8	Vertical lift; span raises 27.6 feet above heights shown
Seneca--State Route 170	Highway	252.7	-	-	354	47.8	37.0	Fixed
Marseilles Canal (upper end)	Dam	247.0	-	-	-	-	-	-
Marseilles	Highway	246.9	-	-	225	46.9	46.5	Over canal. Fixed
Marseilles Canal (lower end)	Lock	244.6	-	-	-	-	-	Lock 600 feet long; 110 feet wide
Ottawa--Veterans Memorial Bridge--State Route 23	Highway	239.7	-	-	466	47.0	37.8	Fixed.
Ottawa--Burlington Northern Railroad	Railway	239.4	-	-	167	21.2	12.2	Vertical lift; span raises 26.4 feet above heights shown
Starved Rock	Lock and dam	231.0	-	-	-	-	-	Lock 600 feet long; 110 feet wide
Utica	Highway	229.6	-	-	356	63.3	44.3	Fixed
La Salle--Illinois Central Gulf Railroad	Railway	225.5	-	-	260	61.7	43.3	Fixed
La Salle--Chicago, Burlington Northern Railroad	Railway	225.4	-	-	225	18.8	0.5	Vertical lift; span raises 49.0 feet above heights shown. Being removed in March 1980

La Salle	Highway	224.7	-	-	249.3	26.9	8.7	Vertical lift; span raises 55.2 feet above heights shown
Peru	Highway	222.8	-	-	400	62.0	44.1	Fixed
Spring Valley	Highway	218.4	-	-	350	60.5	43.3	Fixed
Depue--ConRail	Railway	213.9	145.7	162	-	16.9	2.6	Swing
Hennepin--Interstate 180	Highway	207.8	-	-	350	59.2	42.2	Fixed
Hennepin	Highway	207.6	-	-	350	59.2	42.2	Fixed
Henry	Lock	196.0	-	-	-	-	-	Abandoned
Henry--State Route 18	Highway	196.0	-	-	350	59.2	42.0	Fixed
Lacon--State Route 17	Highway	189.1	-	-	350	59.0	41.9	Fixed
Chillicothe--Atchison, Topeka and Santa Fe Railway	Railway	181.9	-	-	360	58.6	41.7	Fixed
Peoria--McClugage Bridge-U.S. Route 24 and 150	Highway	165.8	-	-	411	66.0	58.4	Fixed. New bridge
Peoria--McClugage Bridge-U.S. Route 24 and 150	Highway	165.8	359	359	411	65.7	48.8	Fixed. Old bridge
Peoria--Murray Baker Bridge-Interstate 74	Highway	162.7	-	-	500	65.4	48.6	Fixed.
Peoria--Franklin Street	Highway	162.3	-	-	121	31.9	15.5	Bascule
Peoria--Toledo, Peoria and Western Railroad	Railway	162.2	-	118	-	13.7	3.1	Swing; right draw not available. Maintained in open position
Peoria--Cedar Street	Highway	161.6	-	-	280	78.4	62.0	Fixed arch; clear heights are for 210-foot width
Peoria--Peoria and Pekin Union Railway	Railway	160.7	-	-	140	21.0	4.7	Bascule
Creve Coeur--Interstate 474	Highway	158.0	-	-	500	64.2	48.1	Fixed
Peoria	Lock and dam	157.7	-	-	-	-	-	Lock 600 feet long; 110 feet wide

Table 13.--Bridges and other structures spanning the Illinois Waterway from Lockport Lock to the mouth, river mile 291.1 to river mile 0--Continued

Location	Type	River mile	Draw openings--clear width normal to channel			Clearance		Remarks
			Right* (feet)	Left* (feet)	Center (feet)	height above pool level (feet)	height above high water (feet)	
-	Highway	153.0	-	-	513	-	-	Under construction. Piers in place
Pekin--State Route 9	Highway	152.9	-	-	210	28.6	7.7	Vertical lift; span raises 55.8 feet above heights shown
Pekin--Chicago and North Western Railway	Railway	151.2	-	-	153	30.1	9.2	Vertical lift; span raises 41.7 feet above heights shown
Havana--U.S. Route 136	Highway	119.6	-	-	350	67.1	47.7	Fixed
Beardstown--Burlington Northern Railroad	Railway	88.8	-	-	300	54.6	34.3	Vertical lift
Beardstown	Highway	87.9	-	-	526	69.7	49.0	Fixed
La Grange	Lock and dam	80.2	-	-	-	-	-	Lock 600 feet long; 110 feet wide
La Grange	Lock	77.6	-	-	-	-	-	Abandoned
Meredosia	Highway	71.3	-	-	554.7	72.0	47.3	Fixed
Valley City--Norfolk and Western Railway	Railway	61.4	-	-	300	32.2	6.8	Vertical lift raises 45.5 feet above heights shown
Valley City	Highway	60.4	-	-	535	71.7	55.0	Fixed. Under construction
Valley City	Highway	60.2	-	-	540	71.7	55.0	Fixed. Under construction
Florence	Highway	56.0	-	-	202	26.6	4.1	Vertical lift; span raises 56.8 feet above heights shown

Pearl--Illinois Central Gulf Railroad	Railway	43.2	123.7	120.6	-	20.2	0.5	Swing
Kampsville	Lock	31.5	-	-	-	-	-	Abandoned
Hardin	Highway	21.6	-	-	300	25.9	8.8	Vertical lift; span raises 56.9 feet above heights shown
Grafton	-	0	-	-	-	-	-	Mouth. Junction with Mississippi River

Table 14.--Sources of stream geometry on selected rivers in the Illinois River basin

[Dash indicates no data or data not provided]

River	Location	Date	Data	Data source ¹	Remarks
Illinois	Dresden Island Lock and Dam	1936, 1956, 1976	Soundings	2	Scour downstream of dam
Illinois	Dresden Island Lock and Dam	1978	Soundings	2	Upstream of dam and arch dam
Illinois	Henry Boat Harbor	-	Profile and cross section	13	-
Illinois	La Grange and Peoria navigation pool, river mile 88-197, not continuous	1983	Cross section	2	General channel survey
Illinois	La Grange Lock and Dam	1982	Soundings	2	Scour downstream of dam
Illinois	La Grange pool, river mile 88-148	1983	Soundings	2	-
Illinois	La Grange pool, river mile 146-156	1984	Soundings	2	-
Illinois	Lake Depue	-	Soundings	13	-
Illinois	Marseilles Lock and Dam	1936, 1956, 1973	Soundings	2	Dam scourings before concrete repair
Illinois	Marseilles pool, river mile 244-271	1980-82	Soundings	2	-
Illinois	Marseilles pool, river mile 244-271	1984	Soundings	2	-
Illinois	Peoria and Pekin Area	-	Profile	13	-
Illinois	Peoria Lock and Dam	1982	Soundings	2	Upstream of dam. Elevations and contours
Illinois	Peoria pool, river mile 172-197	1983	Soundings	2	-
Illinois	Peoria pool, river mile 182 and 231	1984	Soundings	2	-
Illinois	Peoria pool, river mile 229	1964	Soundings	2	Old Utica bridge. Soundings and probings
Illinois	Peoria small boat harbor	-	Soundings	13	-
Illinois	River mile 70-72	-	Soundings	13	-

Illinois	River mile 70-72	-	Soundings	13	-
Illinois	River mile 80-157	-	Soundings	13	-
Illinois	River mile 157-231	-	Profile	13	-
Illinois	River mile 223-273	-	-	13	High and low water
Illinois	River mile 272-276	-	-	13	Navigation sailing line
Illinois	Senachwine Lake	-	Profile	13	Basin map. Typical section
Illinois	Starved Rock Lock and Dam	1959, 1974, 1977	Soundings	2	Scour downstream of dam
Illinois	Starved Rock Lock and Dam	1967	Cross sections and profile	2	Behind upper right guide wall
Illinois	Starved Rock Lock and Dam	1978	Soundings	2	Upstream of dam
Illinois	Starved Rock pool, river mile 231-243	1980-82	Soundings	2	-
Illinois	Starved Rock pool, river mile 240-244	1984	Soundings	2	-
Illinois Waterway	Brandon Road Lock and Dam	1936, 1956, 1977	Soundings	2	Scour and undercutting downstream of dam
Illinois Waterway	Brandon Road Lock and Dam	1978	Cross section	2	Upstream of dam
Illinois Waterway	Brandon Road pool, river mile 286-291	1980	Soundings	2	-
Illinois Waterway	Brandon Road pool, river mile 289-291	1983	Soundings	2	-
Illinois Waterway	Dresden Island pool river mile 271-286	1979	Soundings	2	-
Illinois Waterway	Dresden Island pool, river mile 273-281	1983	Soundings	2	-
Illinois Waterway	Dresden Island, river mile 279	1984	Soundings	2	-
Illinois Waterway	Illinois and Des Plaines Rivers	1932, 1944	Cross section	13	41 sheets, scale 1"=1/4 mile. Corps of Engineers
Illinois Waterway	Lake Depue to Lockport, river mile 211-291	1964-65	Soundings	13	Topographic mapping with soundings on sepias, 208 sheets, scale 1"=200'

Table 14.--Sources of stream geometry on selected rivers in the Illinois River basin--Continued

River	Location	Date	Data source	Remarks
Illinois Waterway	La Salle to Joliet	1883	2	Woerman survey, 6 rolled hardshell 40"x9', scale 1"=400'
Illinois Waterway	Marseilles Lock and Dam, river mile 247	1980	2	Cross section through headrace
Illinois Waterway	Mouth (Grafton) to Lockport, river mile 0-291	1902-04	2, 13	Woerman maps with index, 57 sheets, scale 1"=600'
Illinois Waterway	Mouth (Grafton) to Lockport, river mile 0-291	1947	13	Effects of Lake Michigan diversion on Illinois River, 9 profile sheets, 52 plan sheets
Illinois Waterway	Mouth (Grafton) to Lake Michigan, Chicago	1943	2	(a)
Illinois Waterway	River mile 229-297	1947	2	Thalweg
Illinois Waterway	Starved Rock, Marseilles, Dresden Island, and Brandon Road navigation pools	1935-37 1941, 1951, 1956, 1966, 1973	2	Silting ranges for navigation pools. Averaged interval 1.3 mile
Illinois Waterway	Starved Rock lock through Brandon Road lock	1945	2	Highest points in channel at each 0.1 mile
Illinois Waterway	Starved Rock pool through Brandon Road pool	1937-1973	2	At silting ranges
Illinois Waterway	Starved Rock to Chicago Sanitary and Ship Canal, river miles 230-295, 318-321	1966	2	General channel survey
Illinois and major tributaries	U.S. Geological Survey streamflow gaging stations	Period of record	8	At discharge measurement locations
La Moine	-	1978	13	3 sections
Mackinaw	River mile 0-30	1947	13	-
Sangamon	Carpenter Park	1965	13	-

Sangamon	River mile 33-130	1964	Profile	13	-
Sangamon	River mile 33-130	1971-72	Cross section	2	147 sheets
Sangamon	Salt Creek to Roby	1923	-	13	U.S. Geological Survey data
Sangamon	-	1930	Cross section	13	U.S. Corps of Engineers Chicago District data. Includes Salt Creek
Sangamon	-	1941	Cross section and profile	13	U.S. Corps of Engineers survey
Sangamon	-	1947	-	13	U.S. Corps of Engineers survey. Include some of Illinois river
Sangamon	-	1963-64, 1968, 1971	Valley sections	2	131 sections
Sangamon	-	1966	Cross section and profile	13	U.S. Corps of Engineers survey
Spoon	London Mills area	1964, 1973	Cross section and profile	13	-
Vermillion	Near Pontiac	1954	Profile	13	-
Vermillion	At Streator	1954	Cross section and profile	13	-
Vermillion	-	1954	Cross sections	13	26 miscellaneous sheets

a - U.S. Army Corps of Engineers, Chicago District, 1974, charts of the Illinois Waterway, 7 pages and 77 charts.

- 1 2 - U.S. Army Corps of Engineers, Rock Island District
- 8 - U.S. Geological Survey
- 13 - Illinois Division of Water Resources

Table 15.--Sources of aerial photography for the Illinois River and major tributaries

[Dash indicates no data or data not provided]

River	Location	Total length (miles)	Date flown	Scale (feet/inch)	Photography	Data source ¹	Remarks
Illinois	Communities of La Salle, Streator, Marseilles, Ottawa, Chillicothe, Peoria, Beardstown	-	10-10-83	-	Color	2	Color transparency obliques
Illinois	Dresden Island Lock	-	1972	200	-	2	7 sheets
Illinois	Hillview Drainage and Levee District	-	4-23-83	800	-	3	-
Illinois	La Grange Lock	-	1972	200	-	2	3 sheets
Illinois	Marseilles Lock	-	1972	200	-	2	3 sheets
Illinois	Meredosia, Hardin, Pearl	-	6-23-82	500	-	3	-
Illinois	Nutwood Drainage Levee District	-	5-08-82	800	-	3	-
Illinois	Ottawa to Hardin	-	3-27-82	2,500	Infrared	2	Roll no. 22-203
Illinois	Peoria Lock	-	1972	200	-	2	3 sheets
Illinois	River mile 0-80	80	3-21-73	2,000	-	3	Flood
Illinois	River mile 0-80	80	4-28-73	2,000	-	3	Flood
Illinois	River mile 0-80	80	8-11-73	3,000	-	3	Alluvial valley
Illinois	River mile 0-80	80	10-20-75	1,000	-	3	-
Illinois	River mile 0-80	80	10-01-76	2,000	-	3	-
Illinois	River mile 0-80	80	10-16-77	3,000	-	3	Bluff to bluff
Illinois	River mile 0-80	80	4-07-79	2,000	-	3	Flood
Illinois	River mile 0-80	80	4-18-79	400	-	3	Levee districts
Illinois	River mile 0-80	80	10-05-79	2,000	-	3	Bluff to bluff

Illinois	River mile 0-80	80	12-27-79	1,000	-	3	Ice conditions
Illinois	River mile 0-80	80	9-23-83	2,000	-	3	-
Illinois	-	-	4-15-71	3,000	-	3	Levee districts
Illinois	-	-	4-29-81	6,000	-	3	Spanky-Eldred drainage project
Illinois	River mile 0-80	80	12-09-82	1,000	Black and white	3	Flood
Illinois	River mile 0-80	80	12-12-82	1,000	Black and white	3	Flood
Illinois Waterway	Beardstown to Joliet, river mile 88-280	192	1980	250	Color	2	-
Illinois Waterway	Calumet Sag Channel junction to Brandon Road	19	1970	200	-	2	18 mylar sheets
Illinois Waterway	Grand Calumet River	16	1978	500	Color	2	-
Illinois Waterway	Little Calumet River	48	1978	500	Color	2	-
Illinois Waterway	Locks and dams	-	6-22-81	2,000	Infrared	2	Roll no. 99-724
Illinois Waterway	Meredosia to I-294, river mile 71-309	238	12-13-82	2,000	Infrared	2	Flood. Roll no. 49-124
Illinois Waterway	Morris to Chicago Sanitary and Ship Canal. River mile 262-295	33	3-07-77	6,000	Black and white	2	Negative roll
Illinois Waterway	Mouth (Grafton) to Lake Michigan	327	1974-75	200	-	2	36-inch square enlargements. 9 boxes of prints. Non-sterio coverage
Illinois Waterway	North Branch Chicago River	31	1978	500	Color	2	-
Illinois Waterway	North Shore Channel	8	1978	500	Color	2	-
Illinois Waterway	River mile 0-327 (via Chicago River)	327	1974	1,000	Black and white	2	-
Illinois Waterway	River mile 0-333 (via Calumet River)	333	1974	1,000	Black and white	2	-

Table 15.--Sources of aerial photography for the Illinois River and major tributaries--Continued

River	Location	Total length (miles)	Date flown	Scale (feet/inch)	Photography	Data source ¹	Remarks
Iroquois	-	86	1978	500	Color	2	-
Des Plaines	-	122	1976	500	Color	2	-
Du Page	-	49	1978	500	Color	2	-
Fox	-	216	1976	500	Color	2	-
Kankakee	Mouth to I-55	-	3-07-77	6,000	Black and white	2	Negative roll
Kankakee	-	140	1976	500	Color	2	-
Kickapoo	-	42	1976	500	Color	2	-
La Moine	-	100	1976	500	Color	2	-
Mackinaw	-	92	1976	500	Color	2	-
Mackinaw	Mouth to US #51, river mile 0-81	81	12-13-82	2,000	Infrared	2	Flood. Roll 49-124
Mazon	-	29	1976	500	Color	2	-
Sangamon	Macon, Piatt and Champaign Counties	-	1973	400	-	2	50 mylar sheets
Sangamon	-	146	1976	500	Color	2	-
Spoon	-	96	1976	500	Color	2	-
Vermilion	-	56	1976	500	Color	2	-
Vermilion	Mouth to IL #115, river mile 0-109	109	12-13-82	2,000	Infrared	2	Flood. Roll No. 49-124

- ¹ 2 - U.S. Army Corps of Engineers, Rock Island District
3 - U.S. Army Corps of Engineers, St. Louis District

Table 16.--Damages for selected floods in the Illinois River basinANNUAL FLOOD DAMAGES¹

In 1975, average annual flood damages in the Illinois River basin amounted to \$47.8 million (1967 dollars) with approximately 68 percent of these damages occurring in the upstream portions of the subareas. Upstream agricultural areas are affected the most by flooding.

Subareas	Damages	
	Amount in 1967 dollars	Percent
Upstream (drainage areas less than 400 mi ²):		
Urban	\$ 1,638,000	5
Agriculture	25,546,000	78
Other (rural non-crop transportation and utilities)	<u>5,568,000</u>	17
Subtotal	\$32,752,000	100
Downstream (drainage areas greater than 400 mi ²):		
Urban	\$4,830,000	32
Agriculture	4,744,000	31
Other (rural non-crop, transportation and utilities)	<u>5,517,000</u>	37
Subtotal	<u>15,091,000</u>	100
Total	\$47,843,000	-

MAY 1943 FLOOD DAMAGES ON THE ILLINOIS RIVER²

Class of damage	Amount
Tangible property ³	\$2,837,000
Crops	5,906,000
Livestock	16,000
Suspension of business	<u>1,001,500</u>
Total	\$9,760,500

Table 16.--Damages for selected floods in the Illinois River basin--Continued

OCTOBER 1954 FLOOD DAMAGES⁴

The U.S. Weather Bureau estimated the flood damage in Chicago at \$10 million and in the suburban areas at \$15 million. Detailed field surveys of damages were made by the Corps of Engineers and the Illinois Division of Waterways. The following table was compiled from data furnished by those agencies:

Flood damage in Illinois for flood of October 1954 [Data from Corps of Engineers and Illinois Division of Waterways]	
Stream	Amount
North Branch Chicago River	\$ 5,300
Little Calumet River	378,230
Thorn Creek	0
Butterfield Creek	16,650
Calumet Union drainage ditch	31,750
Calumet Slough	199,850
Stony Creek	331,000
Sewer backup	1,906,150
Calumet River basin	15,300
Little Calumet River and tributaries	2,878,930
Weller Creek	37,370
Willow Creek	16,680
Silver Creek	142,720
Salt Creek	699,880
Addison Creek	1,376,590
Des Plaines River	143,700
Flag Creek	40,380
Deep Run Creek	102,500
Hickory Creek	236,840
Spring Creek	112,660
Du Page River	123,040
Aux Sable River	30,250
Fox River	189,040
Illinois River and tributaries	3,886,730

Table 16.--Damages for selected floods in the Illinois River basin--Continued

JUNE-JULY 1981 FLOOD DAMAGE⁵

Through the last two weeks of June and first week of July, numerous municipalities in southern Cook County, in the Little Calumet River basin, suffered over \$64 million in damages. The City of Joliet in Will County suffered over \$20 million in damages; over 400 homes were evacuated.

- ¹ Data source: Upper Mississippi River Basin Commission, 1979, Water resources plan, upper Illinois River River basin--subregion 0712, working draft: Minneapolis, Minnesota, p. 40-42.

Upper Mississippi River Basin Commission, 1979, Water resources plan, lower Illinois River basin--subregion 0713, working draft: Minneapolis, Minnesota, p. 40-42.

- ² Data source: Illinois Department of Public Works and Buildings, 1944, The floods of May 1943 in Illinois: Division of Waterways, p. 12-13.
- ³ Including buildings, fences, factories, highways, railroads, etc., totally or partially destroyed.
- ⁴ Data source: Daniels, W. S., and Hale, M. D., 1958, Floods of October 1954 in the Chicago Area, Illinois and Indiana: U.S. Geological Survey Water-Supply Paper 1370-B, p. 123-125.
- ⁵ Data source: Illinois State Water Plan Task Force, 1982, Illinois State Water Plan--1981 Progress Report: Springfield, p. 82.

Table 17.--Illinois Waterway access facilities from river mile 278 to river mile 0

[Data sources for information are the publications by the U.S. Army Corps of Engineers, 1982b, Location of small boat launching areas and docking facilities: North Central Division, Division Bulletin No. 2, Appendix A, p. 39-45; and the Illinois Department of Conservation, 1982, Illinois River facilities map: Division of Law Enforcement, 1 map. Dash indicates no data or data not provided]

River mile	Bank ¹	Site name	Ownership	Facilities ²		
				Launching area	Dockage	Other service
277.8	R	Rob Rapp Dock 66, Marina	Private	X	X	X
274.8	L	Three Rivers Marine Service	Private	X	X	X
273.6	L	Joliet Yacht Club, Incorporated	Private	X	X	X
273.5	L	Jack's Marina	Private	X	-	X
264.4	R	Morris Boat Club	Private	X	X	-
263.5	R	Wm. G. Stratton State Park	State	X	X	X
258.8	R	Bell's Landing	Private	X	-	-
252.8	R	Seneca Boat Club	Private	X	X	-
252.8	L	Anchor Inn	Private	X	X	X
251.8	L	Spring Brook Marina	Private	X	X	X
247.9	L	Marseilles Boat Club	Private	X	X	X
247.6	R	Marseilles Marina	Private	X	X	X
247.4	L	Illini State Park	State	X	X	X
240	R	Petriks	Private	-	-	X
239.7	R	Starved Rock Yacht Club	Private	X	X	X
239.6	R	Ottawa Marine Service	Private	-	X	X
239.5	L	City of Ottawa	City	X	-	-
233.5	R	Starved Rock Marina	Private	X	X	X
229.9	L	Starved Rock State Park	State	X	-	X
224.8	R	Beanie's Boat Landing	Private	X	X	X
224.7	R	Pier 51 Boat Club	Private	X	X	-
222.0	R	South Shore Boat Club	Private	X	X	X
218.5	L	Spring Valley Boat Club	Private	X	X	X
218.8	L	Poor Mans Landing	Private	X	-	-
214	R	DePue City Park	City	X	X	X
212	R	Illinois and Mississippi Canal	State/City	X	X	X
208	L	Under bridge at Route 71	State	X	-	X
207.5	L	Hennepin Landing	Private	X	X	X
207.2	L	Manley Weiss Dock	-	X	X	X
196.0	R	Henry Harbor	State/City	X	X	X
192.0	R	Sparland Conservation Area	State	X	-	-
190.0	L	Lacon Boat Harbor	State/City	X	X	X
189.1	L	Trumbull Fleeting Services, Inc.	Private	-	X	-
180.6	R	Chillicothe Launching	City	X	-	-
180.1	R	Holiday Harbor	Private	-	X	X
179.9	R	Motel Marina	Private	X	X	X
178.8	L	Woodford County Cons. Area	State	X	X	X
178.6	R	Hamm's Holiday Harbor	-	X	X	X
174.0	L	Econette Marina	Private	X	X	X
171.8	R	Mossville Landing	-	-	X	-
170.9	R	Detweiler Park North	City	X	X	X
170.0	L	Lambie Harbor	-	X	X	-
169.6	L	R.W. Powers	-	X	-	-
169.5	R	Sea Way Marina	Private	X	X	X
169.2	R	White Cap Drifters Club	Private	X	X	-
169.2	R	Galena Marina (National Marine Service)	-	X	X	X
168	R	National Oil Company Marine Sales	Private	X	X	X
167.8	R	I.V.Y. Club	Private	X	X	X
167.7	R	Sadowski Boat Basin	Private	-	X	X
167.7	R	Al Fresco	Private	X	-	X

Table 17.--Illinois Waterway access facilities from river mile 278 to river mile 0--Continued

River mile	Bank ¹	Site name	Ownership	Facilities ²		
				Launching area	Dockage	Other service
166	R	Shady Beach	Private	X	-	X
165.3	L	Fon du lac Park District Marina	City	X	X	-
165	R	Navy Pier Marina	Private	X	X	X
163.9	R	Detweiler Marina	Private	X	X	X
163.6	R	Peoria Boat Club	Private	X	X	X
163.4	L	East Peoria Recreation Club	-	X	X	X
159	L	Bailey's Boat Yard	Private	X	-	X
153.0	L	Pekin Boat Club	Private	X	X	X
152.8	L	Pekin Landing	City	X	-	-
145.6	R	Kingston Landing	-	X	-	-
128.2	R	Fulton County Boat Ramp	County	X	-	-
128.1	R	Liverpool Landing	City	X	-	X
122.3	L	Quiver Beach Boat Dock	-	X	X	X
120.4	L	Tall Timbers Marina	Private	X	X	X
120.1	L	Havana City Dock	County	X	X	X
119.6	L	State Department of Conservation	State	X	X	-
111	L	Bath Chute	City	X	-	X
102	R	Long Lake	Private	X	-	X
101	L	Sanganois Conservation Area	State	X	-	-
98.9	L	Roy Eddington Marina	Private	X	-	X
98.6	L	Hams Marina	Private	X	-	X
98	L	Browning Area	City/Private	X	-	-
89	L	Beardstown Marina	City	X	X	X
80	R	LaGrange Lock and Dam	Federal	X	-	X
71.0	L	Meredosia, Ill.	-	X	X	X
65.5	L	Naples	Private/State	X	X	X
57.3	R	Ke La Su Marina	Private	X	-	X
56	R	Florence	County	X	-	-
49	L	Glasgow	Private	X	-	-
43.0	R	Pearl, Ill.	-	X	X	X
32.0	L	Greene County Board of Supervisors	County	X	-	X
31.9	R	Kampsville, Ill.	-	X	X	X
28	L	Michael Landing	State	X	-	X
25	R	Godar-Diamond Island	State	X	-	X
22	R	Melody Trail Harbor	Private	-	X	X
13.5	R	Hadley Landing	State	X	-	X
12	L	Glades 12 Mile Island	State	X	-	X
11	R	Pearl Landing	Federal	X	-	-
7.0	L	Pere Marquette Harbor	State	X	X	X
4.5	L	Shell Harbor	Private	X	X	X
3.5	L	Watson Boat Dock	Private	X	X	X
2.0	L	American Legion Dock	Private	X	X	X
1	L	Grafton Area	-	X	X	X
1	L	Peg and Stan's Dock	Private	-	X	X

¹ L - Left Bank; R - Right bank² X - Available facility

Table 18.--Federal Government land along the Illinois Waterway

[Dash indicates no data or data not provided]

County	Acres acquired				Total acres	Source ¹
	Fee	Easement	Permit	Lease		
Brown	11.40	20.50	-	-	31.90	2
Bureau	.09	.24	-	-	.33	2
Calhoun	4,053.20	188.40	-	-	4,241.60	3
Cass/Morgan	1,850.00	-	-	-	1,850.00	7
Cook	244.92	815.00	-	-	1,059.92	2
Du Page	-	16.38	-	-	16.38	2
Green	1.63	135.75	-	-	137.38	3
Grundy	15.97	378.18	-	-	394.15	2
Jersey	4,873.56	174.12	-	-	5,047.68	3
La Salle	4.05	226.84	-	-	230.89	2
Macon	55.50	-	-	-	55.50	2
Marshall	-	.09	-	-	.09	2
Marshall	1,707.00	-	-	-	1,707.00	7
Mason	-	-	-	5.29	5.29	2
Mason	4,477.00	-	-	-	4,477.00	7
Peoria	12.99	42.87	0.47	-	56.33	2
Tazewell	830.31	146.00	-	-	976.31	2
Will	7.84	650.79	-	-	658.63	2
Total	18,145.46	2,795.16	0.47	5.29	20,946.38	

- ¹ 2 = U.S. Army Corps of Engineers, Rock Island District
 3 = U.S. Army Corps of Engineers, St. Louis District
 7 = U.S. Fish and Wildlife Service

Table 19.--Sources of stage-discharge relations at dams on the Illinois and Des Plaines Rivers in Illinois

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