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INDEX OF SURFACE-WATER RECORDS

PART 5.—HUDSON BAY AND UPPER MISSISSIPPI RIVER BASINS

TO SEPTEMBER 30, 1950

Prepared by Champaign District

UNITED STATES DEPARTMENT OF THE INTERIOR
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INDEX OF SURFACE-WATER RECORDS

PART 5.—HUDSON BAY AND UPPER MISSISSIPPI RIVER BASINS

TO SEPTEMBER 30, 1950

EXPLANATION

The index lists the stream-flow and reservoir stations in the Hudson Bay and Upper Mississippi River Basins for which records have been or are to be published for periods prior to September 30, 1950. The stations are listed in downstream order. Tributary streams are indicated by indention.

Station names are given in their most recently published forms. Parentheses around part of a station name indicate that the inclosed word or words were used in an earlier published name of the station or in a name under which records were published by some agency other than the Geological Survey.

The drainage areas, in square miles, are the latest figures published or otherwise available at this time. Drainage areas that were obviously inconsistent with other drainage areas on the same stream have been omitted. Some drainage areas not published by the Geological Survey are listed with an appropriate footnote stating the published source of the figure of drainage area.

Under "period of record" breaks of less than a 12-month period are not shown. A dash not followed immediately by a closing date shows that the station was in operation on September 30, 1950. The years given are calendar years. Periods of records published by agencies other than the Geological Survey are listed in parentheses only when they contain more detailed information or are for periods not reported in publications of the Geological Survey.

Records both of gage height and of discharge are listed for stream-flow stations, and records of gage height and of contents (or of change in contents) are listed for stations on reservoirs. Records of gage heights only and records consisting only of monthly figures either of stream flow or reservoir contents are designated by symbols. For early years when daily discharges were not generally published by the Geological Survey, published daily gage heights and a published rating table were considered to be equivalent to daily discharges.

An alphabetical index of streams, canals, and reservoirs is given on pages 18 to 22.

HUDSON BAY BASIN

	Drainage Area (square miles)	Period of Record
Oldman River Basin:		
Belly River at international boundary	74.8	1947-
Belly River near Mountain View, Alberta	121	(1911-) ^a ; 1948-
North Fork Belly River at international boundary	10.1	1947-
Mountain View Irrigation District Canal near Mountain View, Alberta	-	(1935-) ^a ; 1949-
Waterton River near international boundary	61	1947-
Waterton River near Waterton Park, Alberta	238	(1908-33; 1948-) ^a ; 1948-
Street Creek at international boundary	6.0	1947-
Boundary Creek at international boundary	21.0	1947-
St. Mary (Upper St. Mary) Lake near St. Mary (at St. Mary Chalet), Mont.	-	1929- *
Lower St. Mary Lake near Babb, Mont.	-	1929- *
St. Mary River near Babb (formerly dam site), Mont.	278	1902-25; 1929-32; 1934-
St. Mary River below Swiftcurrent Creek at Babb, Mont.	-	1901-2; 1910-15.
St. Mary River near Kimball, Alberta	497	(1902-) ^a ; 1913-
St. Mary Canal at intake, near Babb, Mont.	-	1918-
St. Mary Canal at St. Mary crossing, near Babb, Mont.	-	1918-
St. Mary Canal at Hudson Bay divide, near Browning, Mont.	-	1917-
Swiftcurrent Creek at Many Glacier, Mont.	31.4	1912-
Sherburne Lake Reservoir at Sherburne (near Babb), Mont.	64	1915**; 1917-18**; 1921- **
Swiftcurrent Creek at Sherburne, Mont.	64	1912-
Swiftcurrent Creek near Babb (formerly Wetzel), Mont.	101	1902-10.
Grinnell Creek near Many Glacier, Mont.	-	1949-
Canyon Creek near Many Glacier, Mont.	7.0	1918-37.
Kennedy Creek near Babb (formerly Wetzel), Mont.	50	1903-7.
Otter Trail River (head of Red River of the North) near Detroit Lakes, Minn.	270	1937-
Otter Tail River at German Church, near Fergus Falls, Minn.	1,230	1913-17.
Otter Tail River near Fergus Falls, Minn.	1,240	1904-13.
Otter Tail (Red) River near Fergus Falls, Minn.	1,690	1909-10.
Otter Tail River below Pelican River, near Fergus Falls, Minn.	1,810	1930-
Otter Tail River at Breckenridge, Minn.	2,040	1931-32.
Red River of the North at Wahpeton, N. Dak.	4,010	1942-
Red River of the North at Fargo, N. Dak.	6,800	1901-
Red River of the North at Halstad, Minn.	21,800	1936-37, 1942-
Red River of the North at Grand Forks, N. Dak.	30,100	(1882-1900) ^b ; 1901-
Red River of the North at Oslo, Minn.	30,500	1936-37; 1941-
Red River of the North at Drayton, N. Dak.	34,800	1936-37; 1941-43; 1945-
Red River of the North at Pembina, N. Dak.	40,100	1901.
Red River of the North at Emerson, Manitoba	40,200	1902; (1912-29) ^a ; 1929-
Lakes in Otter Tail River Basin above Pelican River:		
Little Bemidji Lake near Ponsford, Minn.	-	1938-39*.
Many Point Lake near Ponsford, Minn.	-	1933-35*; 1938-45*.
Round Lake near Ponsford, Minn.	-	1938-47*.
Height of Land Lake near Detroit Lakes, Minn.	-	1938- *
Little Pine Lake near Perham, Minn.	-	1937-47*.
Pine Lake near Perham, Minn.	-	1934-47*.
Rush Lake near Otter Tail, Minn.	-	1934-48*.
Otter Tail Lake near Battle Lake, Minn.	-	1933-49*.
Ice Cracking Lake near Ponsford, Minn.	-	1938-39*.
Acorn Lake near Frazee, Minn.	-	1937-39*.
Wimar Lake near Frazee, Minn.	-	1937-39*.
Rose Lake near Vergas, Minn.	-	1937-38*.
Long Lake (Otter Tail County) near Vergas, Minn.	-	1937-39*.
Little Toad Lake near Ponsford, Minn.	-	1937-39*.
Twin Lakes near Amor, Minn.	-	1935-36*.
East Battle Lake near Clitherall, Minn.	-	1937-42*.
Wall Lake near Fergus Falls, Minn.	-	1938-39*.
Pelican River near Detroit Lakes, Minn.	123	1942-
Pelican River near Fergus Falls, Minn.	482	1909-12; 1942-
Lakes in Pelican River Basin:		
Detroit Lake near Detroit Lakes, Minn.	-	1937-39*.
Sallie Lake at Shoreham, Minn.	-	1937-39*.
Melissa Lake near Shoreham, Minn.	-	1937- *
Pelican Lake near Pelican Rapids, Minn.	-	1938-47*.
Lizzie Lake near Pelican Rapids, Minn.	-	1938-48*.
Prairie Lake near Pelican Rapids, Minn.	-	1937-39*.

* Gage heights or gage heights and discharge measurements only.

** Only monthly figures of discharge or contents.

^a In reports of Water Resources Division, Department of Resources and Development, Canada.^b In reports of Minnesota State Drainage Commission.

HUDSON BAY BASINS

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Red River of the North tributaries—Continued.	Drainage Area (square miles)	Period of Record
Lakes in Pelican River Basin—Continued.		
Long Lake (Becker County) near Detroit Lakes, Minn.	-	1937-39*.
Long Lake near Elizabeth, Minn.	-	1937-39*.
Lake Traverse near Browns Valley, Minn.	-	1936-46*.
Bois de Sioux River near White Rock, S. Dak.	1,160	1942-
Bois de Sioux River near Fairmount, N. Dak. (Tenney, Minn.)	1,540	1919-44.
Mustinka River near Norcross, Minn.	-	1940-47*.
Mustinka River above Wheaton, Minn.	834	1917; 1919-24; 1931-
Mustinka River near Wheaton, Minn.	-	1916.
Twelve Mile Creek below Mustinka ditch, near Charlesville, Minn.	-	1943-
Mustinka ditch above Twelve Mile Creek, near Charlesville, Minn.	-	1943-
Mustinka ditch below Twelve Mile Creek, near Charlesville, Minn.	-	1943-
Rabbit Creek at Campbell, Minn.	266	1942-
Wild Rice River near Mantador, N. Dak.	-	1944-
Wild Rice River near Abercrombie, N. Dak.	2,170	1932-
Wild Rice River near Wild Rice, N. Dak.	-	1919.
Antelope Creek at Dwight, N. Dak.	-	1944-49.
Sheyenne River near Harvey, N. Dak.	-	1945-
Sheyenne River at Sheyenne, N. Dak.	1,980	1929-33; 1939-
Sheyenne River near Warwick, N. Dak.	-	1949-
Sheyenne River near Cooperstown, N. Dak.	-	1945-
Sheyenne River below Baldhill Dam, N. Dak.	-	1949-
Sheyenne River at Valley City, N. Dak.	8,360	1919; 1938-
Sheyenne River near Kindred, N. Dak.	-	1949-
Sheyenne River at Haggart, N. Dak.	-	1902-7; 1919.
Sheyenne River at West Fargo, N. Dak.	9,460	1929-
Devils Lake near Devils Lake, N. Dak.	3,940	1901-
Maple River at Mapleton, N. Dak.	1,480	1944-
Rush River at Azenia, N. Dak.	-	1946-
Buffalo River near Hawley, Minn.	322	1945-
Buffalo River near Dilworth, Minn.	1,030	1931-
South Branch Buffalo River at Sabin, Minn.	524	1945-
Wild Rice River near Ada, Minn.	-	1948-
Wild Rice River at Twin Valley, Minn.	888	1909-17; 1930-
Wild Rice River at Hendrum, Minn.	1,600	1944-
South Branch Wild Rice River near Borup, Minn.	254	1944-
Goose River near Portland, N. Dak.	544	1939-
Goose River at Hillsboro, N. Dak.	1,200	1931-
South Fork Goose River near Portland, N. Dak.	362	1939-42.
Marsh River below Ada, Minn.	-	1948-
Marsh River near Shelly, Minn.	151	1944-
Sand Hill River at Beltrami, Minn.	324	1943-
Sand Hill ditch at Beltrami, Minn.	-	1943-
Sand Hill River at Climax, Minn.	405	1943-
Lakes between Sheyenne River and Red Lake River:		
Buffalo Lake at Richwood, Minn.	-	1937-39*.
Lower Rice Lake near Zerkel (Rice Lake near Bagley), Minn.	-	1935-39*.
Rockstad Lake near Lake Itasca, Minn.	-	1938-39*.
Tamarack Lake near Bagley, Minn.	-	1937-39*.
South Twin Lake near Naytahwaush, Minn.	-	1937-47*.
Sargent Lake near Naytahwaush, Minn.	-	1939*.
McGraney Lake near Waubesa, Minn.	-	1937-39*.
White Earth Lake near White Earth, Minn.	-	1937-39*.
Upper Red Lake (head of Red Lake River) at Waskish, Minn.	-	1930-33*.
Lower Red Lake at Redby, Minn.	-	1930-32*.
Lower Red Lake near Red Lake, Minn.	-	1933- *
Red Lake River near Red Lake, Minn.	1,950	1933-
Red Lake River at High Landing, near Goodridge, Minn.	2,300	1930-
Red Lake River at Kratka, Minn.	2,340	1929-30.
Red Lake River at Thief River Falls, Minn.	3,450	1909-18; 1920-30.
Red Lake River at Crookston, Minn.	5,280	1901-
Thief River near Thief River Falls, Minn.	959	1909-17; 1920-21; 1922-24; 1928.
Glearwater River near Pinewood, Minn.	132	1940-45.
Glearwater River near Leonard, Minn.	153	1934-47.
Glearwater River at Plummer, Minn.	512	1939-
Glearwater River at Red Lake Falls, Minn.	1,370	1909-17; 1934-
Lakes in Red Lake River Basin:		
Blackduck Lake near Blackduck, Minn.	-	1938-42*.
Thief Lake (Thief River) near Middle River, Minn.	-	1933-46*.

* Gage heights or gage heights and discharge measurements only.

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Red River of the North tributaries--Continued.	Drainage Area (square miles)	Period of Record
Lakes in Red Lake River Basin--Continued.		
Clearwater Lake near Leonard, Minn.	-	1934-47*.
Maple Lake near Mentor, Minn.	-	1941-46*.
Turtle River at Marvel, N. Dak.	-	1945-
Forest River near Fordville, N. Dak.	491	1940-
Forest River near Minto, N. Dak.	538	1932-44.
Forest River at Minto, N. Dak.	-	1944-
Snake River at Warren, Minn.	-	1945.
Snake River at Alvarado, Minn.	-	1945.
Snake River near Argyle, Minn.	-	1945.
Middle River at Argyle, Minn.	-	1945.
Park River, South Branch (head of Park River) near Park River, N. Dak.	255	1940-50.
South Branch Park River below Homme Dam, N. Dak.	-	1949-
Park River at Grafton, N. Dak.	753	1931-
Tamarac River at Stephen, Minn.	-	1945.
Tamarac River near Stephen, Minn.	-	1945.
Two Rivers (middle Fork Two Rivers) near Hallock, Minn.	131	1931-38.
Two Rivers (South Fork Two Rivers) at Hallock, Minn.	625	1911-14; 1929-30; 1942-43.
Two Rivers below Hallock, Minn.	-	1945-
Two Rivers below North Branch, near Hallock, Minn.	1,056	1941-43.
South Branch (Fork) Two Rivers at Pelan, Minn.	281	1928-38.
Bronson Lake near Lake Bronson, Minn.	-	1938-47.
South Branch (Fork) Two Rivers at Lake Bronson (Bronson), Minn.	444	1928-37; 1941-47.
South Branch (Fork) Two Rivers at Hallock, Minn.	-	1938-39*.
North Branch Two Rivers near Lancaster, Minn.	32	1929-39; 1941-
North Branch Two Rivers at Lancaster, Minn.	209	1941-42.
North Branch Two Rivers near Northcote, Minn.	386	1941-42; 1945-
State ditch 85 near Lancaster, Minn.	95	1929-38; 1942-
Pembina River near Manitou, Manitoba	2,060	(1921-29) ^a ; 1929-
Pembina River near Walhalla, N. Dak.	3,109	1939-
Pembina River at Neche, N. Dak.	3,189	1903-15; 1919-
Tongue River at Cavalier, N. Dak.	165	1938-
Tongue River near Pembina, N. Dak.	491	1939-42.
Roseau River near Malung, Minn.	252	1939-46.
Roseau River at Malung, Minn.	-	1928-38.
Roseau River below South Fork near Malung, Minn.	571	1946-
Roseau River at Roseau, Minn.	-	1940-47*.
Roseau River near Roseau, Minn.	-	1930-*
Roseau River at Roseau Lake, Minn.	-	1939-*
Roseau River at Ross, Minn.	1,210	1928-
Roseau River near Badger, Minn.	-	1928-*
Roseau River near Durby, Minn.	-	1929-
Roseau River near Bang, Minn.	-	1932-*
Roseau River at outlet of State ditch 69, near Oak Point, Minn.	-	1939-42*.
Roseau River at head of State ditch 51, near Oak Point, Minn.	-	1933-42*.
Roseau River at Oak Point, Minn.	-	1933-39; 1941-*
Roseau River at Caribou, Minn.	-	1917; 1920-30.
Roseau River below State ditch 51, near Caribou, Minn.	1,530	1929-
Roseau River at international boundary, near Caribou, Minn.	1,550	1933-*
Roseau River at Dominion City, Manitoba	-	1912.
South Fork (West Branch) Roseau River near Malung, Minn.	312	1911-14; 1928-46.
Mud Creek near Sprague, Manitoba	158	1928-
Pine Creek near Pine Creek, Minn.	73.1	1928-
Badger Creek near Badger, Minn.	-	1929-30; 1931-38.
Assiniboine River:		
Souris (Mouse) River near Sherwood, N. Dak.	9,570	1930-
Souris River at McKinney, N. Dak.	-	1933.
Lake Darling near Foxholm, N. Dak.	-	1937- **
Souris River near Carpio, N. Dak.	-	1933.
Souris River near Foxholm, N. Dak.	10,100	1904-6; 1937-
Souris River at Burlington, N. Dak.	-	1933.
Souris River at and above Minot, N. Dak.	11,300	1903-24; 1927-28; (1924-27; 1928-29) ^a ; 1929-
Souris River near Minot, N. Dak.	11,600	1928-29; 1933.
Souris River at Logan, N. Dak.	-	1933.
Souris River at Sawyer, N. Dak.	-	1933.
Souris River at Valva, N. Dak.	-	1933.
Souris River near Verendrye, N. Dak.	12,200	1933; 1937-

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** Only monthly figures of discharge or contents.

^a In reports of Water Resources Division, Department of Resources and Development, Canada.

UPPER MISSISSIPPI RIVER BASIN

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Red River of the North tributaries--Continued.	Drainage Area (square miles)	Period of Record
Assiniboine River--Continued.		
Souris River near Denbigh, N. Dak.	-	1933.
Souris River at and near Towner, N. Dak.	13,200	1933-4; 1935-41.
Souris River near Bantry, N. Dak.	13,400	1937-
Souris River near Upham, N. Dak.	-	1933.
Souris River near Westhope, N. Dak.	17,600	1929-
Long Creek near Crosby, N. Dak.	-	1943-
Des Lacs River at Foxholm, N. Dak.	973	1904-6; 1945-
Wintering River near Karlsruhe, N. Dak.	675	1937-
Lake Metigoahe near Bottineau, N. Dak.	-	1931-32*.
Lake Upsilon near St. John, N. Dak.	-	1931-33*.
Evaporation at University, N. Dak.	-	1905-20.
Lake of the Woods Basin:		
Basswood River near Winton, Minn.	1,740	(1924; 1925-30); 1931-
Namakan River at outlet of Lac La Croix, Ontario.	5,160	(1921-34) ^a ; 1934-
Rainy River at International Falls, Minn.	14,530	1907-17.
Rainy River at Manitou Rapids, Minn.	-	1934-
Rainy River near Birchdale, Minn.	-	(1911-24; 1928-30); 1932-34.
Kawishiwi River near Winton, Minn.	1,200	1905-7; 1912-19; 1923-
Vermilion River below Lake Vermilion, near Tower, Minn.	483	1911-17; 1928-
Little Fork River at Little Fork, Minn.	1,730	1909-17; 1928-
Sturgeon River (Lake) at Side Lake, Minn.	-	1938-47*.
Sturgeon River near Chisholm, Minn.	187	1942-
Dark River near Chisholm, Minn.	53.7	1942-
Big Fork River at Big Falls, Minn.	1,460	1909-12; 1928-
Big Fork River at Laurel, Minn.	-	1909.
Black River near Loman, Minn.	-	1909.
Lakes in Rainy River Basin:		
Rainy Lake (head of Rainy River) at Ranier, Minn.	-	1910-17; (1917-34*) ^a ; 1934. **
Burntside Lake near Ely, Minn.	-	1933-35*.
Pelican Lake at Orr, Minn.	-	1938-47*.
Kabetogama Lake near Ray, Minn.	-	1933-47*.
Sand Lake near Brittmount (Sand Lake), Minn.	-	1938-39*.
Bear Lake near Side Lake (Greenrock), Minn.	-	1938-39*.
Thistledeu Lake near Side Lake, Minn.	-	1938-39*.
Deer Lake near Effie, Minn.	-	1937-39*.
Bustles Lake near Effie, Minn.	-	1939*.
Warroad River near Warroad, Minn.	-	1946-
Bulldog Run near Warroad, Minn.	-	1946-
East Branch Warroad River near Warroad, Minn.	-	1946-

UPPER MISSISSIPPI RIVER BASIN

Lake Itasca (head of Mississippi River) at Lake Itasca, Minn.	-	1933-47*.
Bemidji Lake at Bemidji, Minn.	-	1940-46*.
Winnibigoshish Reservoir near Deer River, Minn.	1,440	(1884-1941**); 1941- **
Mississippi River at Winnibigoshish Dam, near Deer River, Minn. ..	1,440	(1884-1941); 1941-
Mississippi River near Deer River, Minn.	3,190	1945-
Pokegama Reservoir near Grand Rapids, Minn.	3,260	(1884-1941**); 1941- **
Mississippi River at Pokegama Dam, near Grand Rapids, Minn.	3,260	(1883-1941); 1941-45.
Mississippi River at Grand Rapids, Minn.	3,370	1945-
Mississippi River above Sandy River, near Libby, Minn.	4,560	1895-1915; 1925-28; 1929.
Mississippi River below Sandy River, near Libby, Minn.	5,060	1930-
Mississippi River at Aitkin, Minn.	6,140 ^c	1945-
Mississippi River near Fort Ripley, Minn.	10,700	1909-10; 1929.
Mississippi River near Royalton, Minn.	11,600	1924-
Mississippi River near Seuk Rapids, Minn.	12,400	1903-6.
Mississippi River at Sartell, Minn.	12,400	1929.
Mississippi River at Elk River, Minn.	14,500	1915-
Mississippi River at Anoka, Minn.	-	(1896-97); 1905-13.
Mississippi River near Anoka, Minn.	19,100	1931-
Mississippi River at St. Paul, Minn.	36,800	1887-
Mississippi River at Prescott, Wis.	44,800	1928-
Mississippi River at Wabasha, Minn.	-	1934.

* Gage heights or gage heights and discharge measurements only.

** Only monthly figures of discharge or contents.

^a In reports of Water Resources Division, Department of Resources and Development, Canada.

	Drainage Area (square miles)	Period of Record
Mississippi River at Alma, Wis.	57,100	1930-31.
Mississippi River near Fountain City, Wis.	59,100	1930-31.
Mississippi River at Winona, Minn.	59,200	1928.
Mississippi River at Lamcoille, Wis.	60,000	1930-31.
Mississippi River at La Crosse, Wis.	62,800	1929.
Mississippi River at Genoa, Wis.	64,700	1930-31.
Mississippi River at McGregor, Iowa	67,500	1936.
Mississippi River at Clayton, Iowa	69,200	1930-36.
Mississippi River at Clinton, Iowa	85,600	1939.
Mississippi River at LeClaire, Iowa	88,600	(1873-1932) ^d ; 1932-39.
Mississippi River at Keokuk, Iowa	119,000	(1878-1932) ^d ; 1932.
Mississippi River at Louisiana, Mo.	140,700	1934-35.
Mississippi River at Grafton, Ill.	171,300	(1880-1927; 1928-32).
Mississippi River at Alton, Ill.	171,500	(1904-*) ^e ; 1933-38; 1939.
Lakes above Leech Lake River:		
Heart Lake near Lake Itasca, Minn.	-	1937-39*.
Sucker Lake near Lake Itasca, Minn.	-	1938-39*.
Long Lake near Lake Itasca, Minn.	-	1937-39*.
Little Wolf Lake near Cass Lake, Minn.	-	1938-39*.
Little Turtle Lake near Turtle River, Minn.	-	1938-39*.
Movil Lake near Turtle River, Minn.	-	1938-47*.
Three Island Lake near Turtle River, Minn.	-	1937-39*.
Rabideau Lake near Blackduck (Turtle River), Minn.	-	1938-39*.
Leech Lake Reservoir at Federal Dam, Minn.	-	(1884-1941**); 1941- **
Leech Lake River at Federal Dam, Minn.	-	(1884-1941); 1929; 1941-
Lakes in Leech Lake River Basin:		
Mud Lake near Ball Club (Deer River), Minn.	-	1938-44*; 1946-47*.
McKeown Lake near Longville, Minn.	-	1937-39*.
Blackwater Lake near Backus (Pontoria), Minn.	-	1937-39*.
Little Boy Lake near Longville, Minn.	-	1937-39*.
Lower Trelupe Lake near Longville, Minn.	-	1938-47*.
Six Mile Lake near Bena, Minn.	-	1939*.
Lakes between Leech Lake River and Prairie River:		
Ballclub Lake near Ballclub, Minn.	-	1937-47*.
Deer Lake near Deer River, Minn.	-	1938-47*.
Bass Lake near Cohasset, Minn.	-	1938-42*.
Prairie River near Grand Rapids, Minn.	530	1909.
Lakes in Prairie River Basin:		
Wolf Lake near Nashwauk, Minn.	-	1939*.
Hartley Lake near Nashwauk, Minn.	-	1939*.
Buck Lake near Nashwauk, Minn.	-	1938-39*.
Balsam Lake near Nashwauk, Minn.	-	1938-39*.
Lakes between Prairie River and Swan River:		
Cowhorn Lake near Grand Rapids, Minn.	-	1937-39*.
Splithand Lake near Hill City, Minn.	-	1938-39*.
Little Splithand Lake near Grand Rapids, Minn.	-	1937-42*.
Swan River near Swan River, Minn.	290	1929.
Sandy Lake Reservoir at Libby, Minn.	421	(1895-1941**); 1941- **
Sandy River at (below) Sandy Lake Dam, at Libby, Minn. (below Sandy Lake Reservoir)	421	(1895-1941); 1893-1916; 1941.
Lakes in Sandy River Basin:		
Prairie Lake near Cromwell, Minn.	-	1937-39*.
Minnewawa Lake near McGregor, Minn.	-	1938-47*.
Willow River near Palisade, Minn.	442	1929.
Lakes between Willow River and Mud River:		
Hill Lake near Hill City, Minn.	-	1937-47*.
Dam Lake near Aitkin, Minn.	-	1938-47*.
Rabbit Lake near Glen, Minn.	-	1938-39*.
Mud River near Wealthwood, Minn.	-	1937-39*.
Lakes in Mud River Basin:		
Rice Lake near Garrison, Minn.	-	1938-39*.
Crooked Lake near Garrison, Minn.	-	1937-47*.
Bay Lake near Bennettsville, Minn.	-	1937- *.
Long Lake near Bennettsville, Minn.	-	1937-47*.
Pine Lake near Aitkin, Minn.	-	1937-47*.
Spirit Lake near Bennettsville, Minn.	-	1938-47*.
Mud Lake near Aitkin, Minn.	-	1937-39*.
Hanging Kettle Lake near Aitkin, Minn.	-	1937-39*.

* Gage heights or gage heights and discharge measurements only.

** Only monthly figures of discharge or contents.

^d In reports of Iowa State Planning Board.

^e In reports of Mississippi River Commission.

UPPER MISSISSIPPI RIVER BASIN

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Mississippi River tributaries—Continued.

	Drainage Area (square miles)	Period of Record
Lakes between Mud River and Pine River:		
Waukenabo Lake near Bain, Minn.	-	1937-39*.
Esquagamah Lake near Bain, Minn.	-	1938-47*.
Cedar Lake near Atkin, Minn.	-	1937-47*.
Upper Dean Lake near Emily (Crosby), Minn.	-	1937-39*.
Rogers Lake near Emily, Minn.	-	1938-39*.
Pine River Reservoir at Cross Lake, Minn.	562	(1886-1941**); 1941- **
Pine River at Pine River Dam, at Cross Lake, Minn. (below Pine River Reservoir)	562	(1886-1941); 1895-1916; 1929; 1941-
Pelican Lake diversion near Pequot Lakes, Minn.	-	1938- *
Pelican Brook (Long Lake) near Pequot Lakes, Minn.	-	1938-42*.
Lakes in Pine River Basin:		
Pine Mountain Lake near Backus, Minn.	-	1937-47*.
Bowen Lake near Backus, Minn.	-	1937-42*.
Hattie Lake near Pontoria, Minn.	-	1937-47*.
Five Point Lake near Backus, Minn.	-	1937-39*.
Portage Lake near Backus, Minn.	-	1937-39*.
Hand Lake near Pontoria, Minn.	-	1937-39*.
Jule Lake near Pine River, Minn.	-	1937-39*.
George Lake near Outing, Minn.	-	1937-39*.
Washburn Lake near Outing, Minn.	-	1937-47*.
Roosevelt Lake near Outing, Minn.	-	1937-47*.
Eagle Lake near Emily, Minn.	-	1937-39*.
Fox Lake near Swanburg, Minn.	-	1937-39*.
O'Brien Lake near Emily, Minn.	-	1938-39*.
Phelps Lake near Cross Lake, Minn.	-	1937-39*.
Emily Lake near Emily, Minn.	-	1937-39*.
Island Lake near Emily, Minn.	-	1937-39*.
Lakes between Pine River and Rabbit River:		
Black Bear Lake near Trommald, Minn.	-	1937-44*.
Mission Lake near Merrifield, Minn.	-	1938-47*.
Rabbit River near Crosby, Minn.	-	1945-
Lakes in Rabbit River Basin:		
Clinker Lake near Ouyuna, Minn.	-	1937-39*.
June Lake near Ironton, Minn.	-	1937-39*.
Blackhoof Lake near Ironton (Riverton), Minn.	-	1937-47*.
Crow Wing River at Nimrod, Minn.	1,010	1910-14; 1930-
Crow Wing River at Motley, Minn.	2,140	1909; 1913-17; 1930-31.
Crow Wing River at Pillager, Minn.	3,230	1903; 1909-13.
Little Sand Lake Outlet near Dorset, Minn.	-	1930-41.
Long Prairie River near Osakis, Minn.	-	1939-47*; 1949-
Long Prairie River near Motley, Minn.	-	1909-17; 1930-31.
Gull River Reservoir near Brainerd, Minn.	287	(1911-41**); 1941- **
Gull River at Gull Lake Dam (Gull Lake Reservoir), near Brainerd, Minn.	287	(1912-41); 1929; 1941-
Lakes in Crow Wing River Basin:		
Lake Belle Taine (Elbow Lake) near Nevis, Minn.	-	1935-38*.
Crow Wing Lake No. 8 near Nevis, Minn.	-	1938-39*.
Crow Wing Lake No. 5 near Nevis, Minn.	-	1938-47*.
Shell Lake near Ponsford, Minn.	-	1937-47*.
Stocking Lake near Menahga, Minn.	-	1938-39*.
Straight Lake at Osage, Minn.	-	1938-47*.
Two Inlets Lake near Park Rapids, Minn.	-	1938-39*.
Portage Lake near Park Rapids, Minn.	-	1938-39*.
Potato Lake near Park Rapids, Minn.	-	1939-47*.
Gourd Lake near Otter Tail, Minn.	-	1937-39*.
West Leaf Lake near Otter Tail, Minn.	-	1937-47*.
Irene Lake near Miliona, Minn.	-	1937-39*.
Miliona Lake near Miliona, Minn.	-	1937-47*.
Ida Lake near Alexandria, Minn.	-	1937-39*.
Louise Lake near Alexandria, Minn.	-	1938-39*.
Carlos Lake near Carlos, Minn.	-	1937-47*.
Lobster Lake near Alexandria, Minn.	-	1938-39*.
Brophy Lake near Alexandria, Minn.	-	1937-39*.
Victoria Lake near Alexandria, Minn.	-	1937-39*.
Geneva Lake near Alexandria, Minn.	-	1937-39*.
Smith Lake near Nelson, Minn.	-	1937-39*.
Fishtrap Lake near Lincoln, Minn.	-	1938-39*

* Gage heights or gage heights and discharge measurements only.

** Only monthly figures of discharge or contents.

Mississippi River tributaries—Continued.	Drainage Area (square miles)	Period of Record
Crow Wing River tributaries—Continued.		
Lakes in Crow Wing River Basin—Continued.		
Sibley Lake near Pequot Lakes (Pequot), Minn.	-	1937-39*.
Mayo Lake near Pequot Lakes (Pequot), Minn.	-	1937-47*.
Clark Lake at Lake Hubert (Hubert), Minn.	-	1937-47*.
Hubert Lake at Lake Hubert, Minn.	-	1943-48*.
Nokasippi River near Fort Ripley, Minn.	210	1929.
Lakes in Nokasippi River Basin:		
Clearwater Lake near Deerwood, Minn.	-	1937-39*.
Eagle Lake near Deerwood, Minn.	-	1937-39*.
Nokay Lake near Deerwood, Minn.	-	1937-39*.
Heron Lake near Deerwood, Minn.	-	1937-39*.
Upper Long Lake near Brainerd, Minn.	-	1937-39*.
Lower Long Lake near Brainerd, Minn.	-	1937-47*.
Round Lake near St. Mathias, Minn.	-	1937-47*.
Grave Lake near Brainerd, Minn.	-	1937-39*.
Lakes between Nokasippi River and Platt River:		
Big Swan Lake near Burtrum, Minn.	-	1938-39*.
Pillsbury (Little Swan) Lake near Swanville, Minn.	-	1937-39*.
Big Spunk Lake near Avon, Minn.	-	1937-47*.
Platt River at Royalton, Minn.	338	1929-36.
Lakes in Platt River Basin:		
Sullivan Lake near Harding, Minn.	-	1938-42*.
Lakes between Platt River and Sauk River:		
Watab Lake near Cold Spring, Minn.	-	1937-39*.
Diversion from Long Prairie River near Osakis, Minn.	-	1939-42*.
Sauk River near St. Cloud, Minn.	925	1909-13; 1929.
Lakes in Sauk River Basin:		
Osakis Lake near Osakis, Minn.	-	1938-48*.
Big Birch Lake near Ward Springs, Minn.	-	1937-47*.
Eden Lake near Eden Valley, Minn.	-	1938-39*.
Grand Lake near Rockville, Minn.	-	1937-39*.
Clearwater Lake near Annandale, Minn.	-	1938-39*.
Elk River above St. Francis River near Big Lake, Minn.	-	1929.
Elk River near Big Lake, Minn.	615	1911-17; 1931-
Crow River, North Fork (head of Crow River), near Regal, Minn. ..	215	1943.
Crow River, North Fork, near Rockford, Minn.	-	1909-10.
Crow River at Rockford, Minn.	2,520	1909-17; 1929-
Crow River near Dayton, Minn.	-	1906.
Middle Fork Crow River at New London, Minn.	-	1939-42.
Middle Fork Crow River near Spicer, Minn.	179	1949.
Diversion from Middle Fork Crow River near Spicer, Minn.	-	1939*.
South Fork Crow River at Cosmos, Minn.	221	1945.
South Fork Crow River near Mayer, Minn.	1,170	1934.
South Fork Crow River near Rockford, Minn.	-	1909-12.
Lakes in Crow River Basin:		
Green Lake near Spicer, Minn.	-	1938-47*.
Calhoun Lake Outlet near Spicer, Minn.	-	1939*.
Koronis Lake near Paynesville, Minn.	-	1942-47*.
Deer Lake near Buffalo, Minn.	-	1940-47*.
Waverly Lake (Little Waverly) near Waverly, Minn.	-	1938-39*.
Mille Lacs Lake (head of Rum River) at Wealthwood, Minn.	-	1931-39*.
Rum River at Onamia, Minn.	414	1909-12.
Rum River at Cambridge, Minn.	1,160	1909-14.
Rum River at St. Francis, Minn.	-	1903.
Rum River near St. Francis, Minn.	1,360	1929.
Rum River near Anoka, Minn.	1,430	1905-6; 1909.
Lakes in Rum River Basin:		
Ogechie Lake near Onamia, Minn.	-	1938-39*.
Onamia Lake at Onamia, Minn.	-	1938-48*.
Borden Lake near Garrison, Minn.	-	1937-47*.
Holt Lake near Garrison, Minn.	-	1937-47*.
Green Lake near Princeton, Minn.	-	1937-47*.
Lower Stanchfield Lake near Dalbo (Princeton), Minn.	-	1939-47*.
Francis Lake near Isanti, Minn.	-	1938-39*.
Elm Creek Basin:		
Champlin Mill Pond at Champlin, Minn.	-	1938-39*.
Minnehaha Creek Basin:		
Lake Minnetonka at Excelsior, Minn.	-	1938-47*.
Minnesota River, Little (head of Minnesota River), near Peever, S. Dak.	447	1939-
Big Stone Lake at Ortonville, Minn.	-	1937- *

* Gage heights or gage heights and discharge measurements only.

UPPER MISSISSIPPI RIVER BASIN

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Mississippi River tributaries--Continued.	Drainage Area (square miles)	Period of Record
Minnesota River at Ortonville, Minn.	1,160	1938-
Minnesota River near Odessa, Minn.	1,340	1909-12; 1944-
Minnesota River near Lac qui Parle, Minn.	4,050	1942-
Minnesota River at (near) Montevideo, Minn.	6,180	1909-
Minnesota River at Judson, Minn.	11,200	1938-
Minnesota River at and near Mankota, Minn.	14,900	1903-
Minnesota River near Carver, Minn.	16,200	1934-
Whetstone River near Big Stone, S. Dak.	389	(1899-1904) ^b ; 1910-12; 1931-
Yellow Bank River near Odessa, Minn.	398	1939-
Pomme de Terre River near Morris, Minn.	-	1937-39*.
Pomme de Terre River near Appleton, Minn.	885	1931-
Lakes in Pomme de Terre River Basin:		
Long Lake near Dalton, Minn.	-	1938-39*.
Stalker Lake near Dalton, Minn.	-	1937-39*.
Ten Mile Lake near Dalton, Minn.	-	1939*.
Pomme de Terre (upper) Lake near Elbow Lake, Minn.	-	1937-39*.
Perkins (Lower Pomme de Terre) Lake near Morris, Minn.	-	1938-47*.
Barrett Lake at Barrett, Minn.	-	1937-47*.
Christina Lake near Ashby, Minn.	-	1937-43*.
Pelican Lake near Ashby, Minn.	-	1937-39*.
Melby Lake near Ashby, Minn.	-	1937-39*.
Drywood Lake near Alberta, Minn.	-	1937-39*.
Lac qui Parle River near Lac qui Parle, Minn.	983	1910-14; 1931-
Canby Creek at Canby Minn.	-	1938-39*.
Tennille Creek near Boyd, Minn.	82.8	1949-
Chippewa River at Benson, Minn.	1,268	1949-
Chippewa River near Milan, Minn.	1,720	1937-
Chippewa River near Watson, Minn.	2,046	1910-17; 1931-36.
Moses Lake diversion near Brandon, Minn.	-	1938-39*.
Little Chippewa River near Lowry, Minn.	-	1941.
Little Chippewa River at Starbuck, Minn.	111	1938-39.
Shakopee Creek near Benson, Minn.	352	1949-
Lakes in Chippewa River Basin:		
Moses Lake Inlet near Brandon, Minn.	-	1938-39*.
Moses Lake near Brandon, Minn.	-	1937-39*.
Upper Hunt Lake near Brandon, Minn.	-	1937-39*.
Stowes Lake near Evansville, Minn.	-	1937-39*.
Long Lake near Evansville, Minn.	-	1937-42*.
Albert Lake near Erdahl, Minn.	-	1938-46*.
Chippewa Lake near Brandon, Minn.	-	1937-39*.
Little Chippewa Lake near Brandon, Minn.	-	1937-39*.
Minister Lake near Brandon, Minn.	-	1938-39*.
Emily Lake near Hancock, Minn.	-	1937-47*.
Scandinavian Lake at Gilchrist, Minn.	-	1937-39*.
Yellow Medicine River near Cottonwood, Minn.	-	1945-46.
Yellow Medicine River near Hanley Falls, Minn.	-	1945-47.
Yellow Medicine River near Granite Falls, Minn.	653	1931-
Spring Creek (Stoney Run) near Clarkfield, Minn.	-	1945-46.
Spring Creek (Stoney Run) near Hazel Run, Minn.	-	1945-48.
Hawk Creek near Maynard, Minn.	474	1949-
Chetomba Creek near Maynard, Minn.	199	1949-
Redwood River at Marshall, Minn.	307	1940-
Redwood River near Green Valley, Minn.	-	1945-47.
Redwood River near Seaforth, Minn.	-	1945-46.
Redwood River near Redwood Falls, Minn.	697	1909-14; 1930-
Cottonwood River near New Ulm, Minn.	1,280	1909-13; 1931-
Blue Earth River near Rapidan (at Rapidan Mills), Minn.	2,430	1909-10; 1939-45; 1949-
Blue Earth River at Mankato, Minn.	3,550	1938-39*.
Watonwan River near Garden City, Minn.	812	1940-45.
Long Lake diversion (Watonwan River diversion) near St. James, Minn.	-	1939*.
Le Sueur River near Rapidan, Minn.	1,100	1939-45; 1949-
Lakes in Blue Earth River Basin:		
Fox Lake near Sherburne, Minn.	-	1939*.
Mountain Lake at Mountain Lake, Minn.	-	1938-39*.
Wood Lake near Darfur, Minn.	-	1937-39*.
Francis Lake at Elysian, Minn.	-	1940-47*.
Madison Lake near Madison Lake, Minn.	-	1940- *
Cottonwood Lake near Mapleton, Minn.	-	1939*.
Silver Lake near Waldorf, Minn.	-	1938-39*.

* Gage heights or gage heights and discharge measurements only.

^b In reports of Minnesota State Drainage Commission.

Mississippi River tributaries—Continued. Minnesota River tributaries—Continued.	Drainage Area (square miles)	Period of Record
Lakes between Blue Earth River and Sand Creek:		
Scotch Lake near Cleveland, Minn.	-	1938-39*.
Greenleaf Lake near Montgomery, Minn.	-	1939*.
High Island Lake near New Auburn, Minn.	-	1939*.
Lakes in Sand Creek Basin:		
Phelps Lake near Montgomery, Minn.	-	1937-39*.
Cedar Lake near St. Patrick, Minn.	-	1938-39*.
Pleasant Lake near Jordan, Minn.	-	1938-39*.
Pleasant Lake diversion (Sand Creek at diversion dam) near Jordan, Minn.	-	1938-39*.
Mud Lake near Montgomery, Minn.	-	1939*.
Cynthia Lake near Prior Lake, Minn.	-	1937-47*.
Lakes below Sand Creek:		
Prior Lake at Prior Lake, Minn.	-	1939- *
Phalen Creek Basin:		
Keller Lake at St. Paul, Minn.	-	1938-39*.
St. Croix River near Danbury (at Swiss), Wis.	1,550	1914.
St. Croix River near Grantsburg, Wis.	2,820	1923.
St. Croix River near Rush City, Minn.	5,120	1923.
St. Croix River near St. Croix Falls, Wis.	5,930	(1902-5; 1905-9**); 1910.
Namekagon River at Trego, Wis.	420	1914-27.
Namekagon River near Trego, Wis.	489	1927.
Yellow River at Webster, Wis.	228	1914*.
Glam River near Webster, Wis.	364	1940-42.
Kettle River near Sandstone, Minn.	825	1908-17.
Grindstone River at Hinckley, Minn.	-	1940-47*.
Snake River at Mora, Minn.	422	1909-13.
Snake River at Sanatorium Bridge near Pine City, Minn.	-	1937-38*.
Snake River near Pine City, Minn.	915	1913-17.
Wood River near Grantsburg, Wis.	170	1939.
Sunrise River near Stacey, Minn.	94.7	1949.
Apple River near Somerset, Wis.	550	1901.
Kinnikinnick River near River Falls, Wis.	170	1916-21.
Lakes in St. Croix River Basin:		
Big McKenzie Lake near Spooner, Wis.	25	1936-40*.
Yellow Lake near Webster, Wis.	258	1941. *
Shell Lake at Shell Lake, Wis.	14	1936. *
Pine Lake near Finlayson, Minn.	-	1937-39*.
Mud Lake near Quamba, Minn.	-	1937-39*.
Rush Lake near Rush City, Minn.	-	1940-47*.
Martin Lake near Wyoming, Minn.	-	1939*.
Bone Lake near Luck, Wis.	15	1936-40*.
Vermilion River near Empire City, Minn.	110	1942-45.
Vermilion River at Empire City, Minn.	124	1942-44.
Vermilion River at Hastings, Minn.	195	1942-47.
Cannon River at Welch, Minn.	1,320	1909-14; 1930.
Lakes in Cannon River Basin:		
Shields Lake near Shieldsville, Minn.	-	1937-39*.
Rice Lake near Shieldsville, Minn.	-	1937-39*.
Gorman Lake near Kilkenny, Minn.	-	1938-47*.
Sabre Lake near Kilkenny, Minn.	-	1937-39*.
Tetonka Lake at Waterville, Minn.	-	1937-47*.
Sakatah Lake near Waterville, Minn.	-	1937-47*.
Lower Sakatah Lake near Morristown, Minn.	-	1938-47*.
Morristown Mill Pond at Morristown, Minn.	-	1937-39*.
Jefferson Lake near Elysian, Minn.	-	1939*.
Horseshoe Lake near Waterville, Minn.	-	1938-39*.
Roberts Lake near Faribault, Minn.	-	1937-39*.
Goose Lake near Waseca, Minn.	-	1938-39*.
Watkins Lake near Waseca, Minn.	-	1938-39*.
Fox Lake near Dundas, Minn.	-	1937-39*.
Circle Lake near Dundas, Minn.	-	1937-43*.
Union Lake near Dundas, Minn.	-	1937-39*.
Chippewa River at Bishop's Bridge, near Winter, Wis.	775	1912.
Chippewa River near Bruce, Wis.	1,600	1913.
Chippewa River near Holcombe, Wis.	3,790	1944-49.

* Gage heights or gage heights and discharge measurements only.

** Only monthly figures of discharge or contents.

b In reports of Minnesota State Drainage Commission.

UPPER MISSISSIPPI RIVER BASIN

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Mississippi River tributaries--Continued.	Drainage Area (square miles)	Period of Record
Chippewa River at Holcombe, Wis.	4,700	1942-49.
Chippewa River at Chippewa Falls, Wis.	5,600	(1888-1898) ^f ; 1888-
Chippewa River at (near) Eau Claire, Wis.	6,630	1902-9; 1944-
Chippewa River at Durand, Wis.	9,010	1928-
West Fork Chippewa River near Winter, Wis.	485	1911*; 1912-16.
Flambeau River at Flambeau Reservoir, Wis.	647	1927-
Flambeau River near Butternut, Wis.	723	1914-38.
Flambeau River at Babbs Island, near Winter, Wis.	1,020	1929-
Flambeau River near Ladysmith, Wis.	1,910	1914-
Flambeau River at Ladysmith, Wis.	2,120	1903-6.
Connors Creek Basin:		
Connors Lake near Phillips, Wis.	20	1936-40*.
South Fork Flambeau River near Phillips, Wis.	666	1929-
Jump River, South Fork (head of Jump River), near Ogema, Wis.	328	1944-
Jump River at Sheldon, Wis.	510	1915-
Fisher River at Holcombe, Wis.	76	1944-45.
O'Neil Creek near Chippewa Falls, Wis.	77	1944-45.
Yellow River at Cadott, Wis.	351	1942-
Duncan Creek at Bloomer, Wis.	54	1944-
Duncan Creek at Chippewa Falls, Wis.	115	1942-
Eau Claire River near Augusta, Wis.	500	1914-26.
Eau Claire River near Fall Creek, Wis.	747	1942-
Red Cedar River near Colfax, Wis.	1,100	1914-
Red Cedar River at Cedar Falls, Wis.	-	1909-23*.
Red Cedar River at Menomonie, Wis.	1,760	1907-8; 1913-23; 1925-
Tennille Creek Basin:		
Pine Lake near Chetek, Wis.	3	1936-40*.
Eau Galle River at Spring Valley, Wis.	65	1944-
Eau Galle River at Elmwood, Wis.	90	1942-
Buffalo River near Tell, Wis.	398	1932-
Zumbro River at Zumbro Falls, Minn.	1,130	1909-17; 1929-
Zumbro River at Theilman, Minn.	1,320	1938-
South Branch Zumbro River near Zumbro Falls, Minn.	821	1911-17.
Lakes in Zumbro River Basin:		
Shady Lake (Middle Branch Zumbro River) at Oronoco, Minn.	-	1939-47*.
Silver Lake at Rochester, Minn.	-	1938-39*.
Whitewater River, North Fork, near Elba, Minn.	101	1939-41.
Whitewater River at Beaver, Minn.	-	(1936-39*); 1939-
South Fork Whitewater River near Altura, Minn.	76.8	1939-
Beaver Creek at Beaver, Minn.	15.4	1939-40.
Gilmore Creek at Winona, Minn.	8.95	1939-
Trempealeau River at Dodge, Wis.	633	1913*; 1913-19; 1934-
Trempealeau River near Trempealeau, Wis.	692	1931-34.
Black River at Neillsville, Wis.	756	1905-9; 1913-
Black River at Melrose, Wis.	-	1902-3*.
Black River near Galesville, Wis.	2,120	1931-
La Crosse River near West Salem, Wis.	412	1913*; 1914-
Little La Crosse River near Leon, Wis.	77.1	1934-
Root River (North Branch) near Lanesboro, Minn.	615	1910-17; 1940-
Root River near Houston, Minn.	1,270	1909-17; 1929-
Root River below South Fork, near Houston, Minn.	1,560	1938-
Rush Creek near Rushford, Minn.	129	1942-
Coon Creek at Coon Valley, Wis.	77.2	1934-40.
Coon Creek near Stoddard, Wis.	119	1934-40.
Upper Iowa River near Decorah, Iowa	560	1913-14; 1919-27; 1933-
Yellow River at Ion, Iowa	224	1934-
Wisconsin River at Rainbow Reservoir, near Lake Tomahawk, Wis.	750	1936-
Wisconsin River near Rhinelander, Wis.	1,110	1905-15.
Wisconsin River at Whirlpool Rapids, near Rhinelander, Wis. ..	1,200	1915-
Wisconsin River at Merrill, Wis.	4,780	1902-3*; 1904-8**; 1909-
Wisconsin River at Rothschild, Wis.	4,000	1944-
Wisconsin River at Keshonka, Wis.	4,527	1921-42.
Wisconsin River near Nekoosa, Wis.	5,500	1914-
Wisconsin River near Wecedah, Wis.	5,860	1902*; 1902-14; 1944-50.
Wisconsin River near Wisconsin Dells, Wis.	7,830	1934-
Wisconsin River at Prairie du Sac, Wis.	8,950	1946-
Wisconsin River at Muscoda, Wis.	10,300	1902-3*; 1913*; 1913-
Anvil Lake, near Eagle River, Wis.	3	1936- *
Tomahawk River near Bradley, Wis.	422	1914-27; 1928-29.

* Gage heights or gage heights and discharge measurements only.

** Only monthly figures of discharge or contents.

^f In reports of Wisconsin Railroad Commission.

Mississippi River tributaries--Continued.

Wisconsin River tributaries--Continued.

	Drainage Area (square miles)	Period of Record
Tomahawk River at Tomahawk, Wis.	547	1930-
Spirit River at Spirit Falls, Wis.	85	1942-
Prairie River near Merrill, Wis.	164	1914-31; 1939-
Rib Lake at Rib Lake, Wis.	33	1936-40*.
Rib River at Rib Falls, Wis.	309	1925-
Little Rib River near Wausau, Wis.	76	1914-16.
Emu Claire River at Kelly, Wis.	326	1914-26; 1939-
East Branch Emu Claire River near Antigo, Wis.	86	1949-
Bull Creek Jr., near Rothschild, Wis.	26.4	1944-
Big Emu Pline River near Colby, Wis.	79	1941-
Big Emu Pline River near Stratford, Wis.	224	1914-25; 1937-
Plover River near Stevens Point, Wis.	136	1914-19; 1944-
Yellow River at Babcock, Wis.	223	1944-
Yellow River at Sprague, Wis.	420	1926-40.
Yellow River at Necedah, Wis.	526	1940-
Lemonweir River at New Lisbon, Wis.	486	1944-
Baraboo River near Baraboo, Wis.	650	1913*; 1913-22; 1942-
Devils Lake near Baraboo, Wis.	5.64	1922-30*; 1932*; 1934- *
Mud Lake (head of Rocky Run) near Poynette, Wis.	10	1940*.
Kickapoo River at Ontario, Wis.	151	1938-39.
Kickapoo River at La Farge, Wis.	266	1938-
Kickapoo River at Soldiers Grove, Wis.	530	1938-39.
Kickapoo River at Gays Mills, Wis.	629	1913-34.
Kickapoo River at Steuben, Wis.	690	1933-
West Fork Kickapoo River near Readstown, Wis.	106	1938-39.
Turkey River at Mukader, Iowa	892	1933-42.
Turkey River at Garber, Iowa	1,530	1913-16; 1919-27; (1929-30) ^d ; 1932-
Grant River near Burton, Wis.	257	1934-47.
Grant River at Burton, Wis.	267	1947-
Platte River near Rockville, Wis.	139	1934-
Little Maquoketa River near Durango, Iowa	130	1934-
Galena River at Buncombe, Wis.	128	1939-
Galena River at Galena, Ill.	200	1934-38.
East Fork Galena River at Council Hill, Ill.	20.1	1939-
Maquoketa River at Manchester, Iowa	-	1903.
Maquoketa River near Manchester, Iowa	306	1933-
Maquoketa River near Delhi, Iowa	348	1933-40.
Maquoketa River above North Fork Maquoketa River, near Maquoketa, Iowa	957	1913-14.
Maquoketa River (below North Fork Maquoketa River) near Maquoketa, Iowa	1,550	1913-
Apple River near Hanover, Ill.	244	1934-
Plum River near Savanna, Ill.	164	1934-41.
Plum River below Carroll Creek, near Savanna, Ill.	231	1941-
Wapsipinicon River at Independence, Iowa	1,060	1933-
Wapsipinicon River at Stone City, Iowa	1,310	1903-14.
Wapsipinicon River near Dewitt, Iowa	2,300	1934-
Rock River near Waupun, Wis.	-	1948-
Rock River at Watertown, Wis.	971	1914*; 1931-
Rock River at Afton, Wis.	3,300	1914-
Rock River above mouth of Pecatonica River, at Rockton, Ill.	-	1903.
Rock River at Rockton, Ill.	6,290	1903-9; 1940-
Rock River at Rockford, Ill.	6,520	1914-19.
Rock River at Oregon, Ill.	8,120	1939-49.
Rock River near Nelson, Ill.	-	1906.
Rock River at Sterling, Ill.	-	1905-6.
Rock River at Como, Ill.	8,700	1933-
Rock River at Lyndon, Ill.	9,010	1914-34.
Rock River near Joslin, Ill.	9,520	1937; 1939-
Rock River near Moline, Ill.	10,800	1939-40.
West Branch Rock River near Waupun, Wis.	42	1949-
South Branch Rock River at Waupun, Wis.	56	1949-
East Branch Rock River near Mayville, Wis.	177	1949-
Oconomowoc River Basin:		
Beaver Lake near Hartland, Wis.	3	1933-40.
Pine Lake near Hartland, Wis.	6	1931-40.
Crawfish River at Milford, Wis.	732	1931-
Bark River Basin:		
Whitewater Creek near Whitewater, Wis.	7.2	1926-28; 1946-
Whitewater Creek at Whitewater, Wis.	16.7	1926-28; 1946-

* Gage heights or gage heights and discharge measurements only.

^d In report of Iowa State Planning Board.

UPPER MISSISSIPPI RIVER BASIN

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Mississippi River tributaries--Continued.

Rock River tributaries--Continued.

Drainage Area
(square miles)

Period of Record

Koshkonong Creek Basin:

Lake Ripley near Cambridge, Wis.	1.5	1936-40.
Lake Mendota (head of Yahara River) at Madison, Wis.	254	1902-3; 1916-
Lake Monona at Madison, Wis.	273	(1856-1917) ^f ; 1915-
Yahara (Catfish) River at Madison, Wis.	254	1902-3 ^a .
Yahara River near McFarland, Wis.	351	1930-
Yahara River near Edgerton, Wis.	380	1916-17.
Turtle Lake (head of Turtle Creek) near Delavan, Wis.	1.3	1936; 1938-40.
Turtle Creek near Clinton, Wis.	186	1939-
Pecatonica River at Darlington, Wis.	274	1939-
Pecatonica River at Dill, Wis.	959	1914-19.
Pecatonica River at Martintown, Wis.	1,040	1939-
Pecatonica River at Freeport, Ill.	1,330	1914-
Pecatonica River at Shirland, Ill.	2,540	1939-
East Branch Pecatonica River near Blanchardville, Wis.	221	1939-
Sugar River near Brodhead, Wis.	529	1914-
Kishwaukee River at Belvidere, Ill.	525	1939-
Kishwaukee River near Perryville, Ill.	1,090	1939-
South Branch Kishwaukee River at DeKalb, Ill.	70	1925-33.
South Branch Kishwaukee River near Fairdale, Ill.	386	1939-
Killbuck Creek near Monroe Center, Ill.	114	1939-
Leaf River at Leaf River, Ill.	102	1939-
Kyte River near Flagg Center, Ill.	125	1939 ^a .
Elkhorn Creek near Penrose, Ill.	153	1939-
Rock Creek near Coleta, Ill.	81.6	1939-42.
Rock Creek at Morrison, Ill.	169	1940-42.
Rock Creek near Morrison, Ill.	143	1942-
Green River at Amboy, Ill.	199	1939-
Green River near Geneseo, Ill.	958	1936-
Mill Creek at Milan, Ill.	62.5	1939-
Iowa River, West Fork, near Klamme, Iowa	110	1948-
Iowa River near Rowan, Iowa	396	1940-
Iowa River near Iowa Falls, Iowa	641	1911-14.
Iowa River at Marshalltown, Iowa	1,530	1903; 1915-27; 1933-
Iowa River near Belle Plaine, Iowa	2,420	1939-
Iowa River at Iowa City, Iowa	3,230	1903-6; (1906-13) ^d ; 1913-
Iowa River at Wapello, Iowa	12,480	1915-
East Fork Iowa River near Klamme, Iowa	120	1948-
Salt Creek near Elberon, Iowa	200	1945-
Bear Creek at Ladora, Iowa	185	1945-
Rapid Creek near Iowa City, Iowa	24.5	1938-
Ralston Creek at Iowa City, Iowa	3.01	(1924-32) ^e ; 1932-
English River at Kalona, Iowa	580	1939-
Cedar River near Austin, Minn.	425	1909-14; 1944-
Cedar River at Mitchell, Iowa	845	1933-42.
Cedar River at Janesville, Iowa	1,660	1905-6; 1915-27; 1932-42; 1946-
Cedar River at Waterloo, Iowa	5,190	1941-
Cedar River at Cedar Rapids, Iowa	6,640	1903-
Cedar River near Conesville, Iowa	7,840	1939-
Turtle Creek near Austin, Minn.	144	1948-
Shell Rock River near Northwood, Iowa	380	1948-
Shell Rock River at Marble Rock, Iowa	1,330	1942-
Shell Rock River at Greene, Iowa	1,375	1933-42.
Shell Rock River near Clarksville, Iowa	1,660	1915-27; 1932-34.
Lime Creek at Mason City, Iowa	535	1932-
West Fork Shell Rock River at Finchford, Iowa	860	1945-
Beaver Creek at New Hartford, Iowa	350	1948-
Lakes in Iowa River Basin:		
Upper Pine Lake at Eldora, Iowa	-	1936-*
Lower Pine Lake at Eldora, Iowa	-	1936-*
Lake Macbride near Solon, Iowa	-	1936-*
Geneva Lake near Clarke's Grove, Minn.	-	1939 ^a .
Clear Lake at Clear Lake, Iowa	-	1933-*
Edwards River near Orion, Ill.	163	1941-
Edwards River near New Boston, Ill.	434	1934-
Pope Creek near Keithsburg, Ill.	17.	1934-
Henderson Creek near Little York, Ill.	151	1940-
Henderson Creek near Oquawka, Ill.	428	1934-
North Henderson Creek near Seaton, Ill.	66.4	1940-
Cedar Creek at Little York, Ill.	128	1940-
South Henderson Creek at Biggsville, Ill.	81.4	1939-

* Gage heights or gage heights and discharge measurements only.

^d In reports of Iowa State Planning Board.^f In reports of Wisconsin Railroad Commission.^e In University of Iowa Engineering Bulletin No. 9.

Mississippi River tributaries—Continued.	Drainage Area (square miles)	Period of Record
Skunk River near Ames, Iowa	320	1920-27; 1933-
Skunk River near Oskaloosa, Iowa	1,640	1945-
Skunk River at Coppock, Iowa	2,890	1913-44.
Skunk River at Augusta, Iowa	4,290	1913; 1915-
Squaw Creek at Ames, Iowa	210	1919-27.
Lake Keomah near Oskaloosa, Iowa	-	1936-
North Skunk River near Sigourney, Iowa	750	1945-
Des Moines River, West Fork (Des Moines River) (head of Des Moines River), near Jackson, Minn.	1,190	1930-44.
Des Moines River, West Fork (Des Moines River) at Jackson, Minn.	-	1909-13; 1944-
Des Moines River at Fort Dodge, Iowa	4,290	1905-6; 1950-
Des Moines River near Fort Dodge, Iowa	-	1911-13.
Des Moines River at Kalo, Iowa	-	1913-27.
Des Moines River near Boone, Iowa	5,490	1920-27; 1933-
Des Moines River at Des Moines, Iowa	6,180	(1893-94; 1897-1914) ^d ; 1902-3; 1905-6; 1914-27; 1932-
Des Moines River below Raccoon River at Des Moines, Iowa	9,770	1940-
Des Moines River near Tracy, Iowa	12,400	1920-27; 1933-35; 1940-
Des Moines River at Ottumwa, Iowa	13,200	1917-27; (1927-29) ^d ; 1929-30; 1935-
Des Moines River at Eldon, Iowa	13,300	1930-35.
Des Moines River at Keosauqua, Iowa	13,900	1903-6; 1910-
Heron Lake Outlet near Heron Lake, Minn.	-	1930-33; 1934-43.
East Fork Des Moines River near Hardy, Iowa	1,230	1940-
North Lizard Creek near Clare, Iowa	257	1940-
Boone River near Webster City, Iowa	842	1940-
Raccoon River near Jefferson, Iowa	1,630	1940-
Raccoon River at Van Meter, Iowa	3,410	1915-27; (1927-32) ^d ; 1932-
Raccoon River at Des Moines, Iowa	3,590	1902-3.
South Raccoon River at Redfield, Iowa	995	1940-
North River near Norwalk, Iowa	348	1940-
Middle River near Indianola, Iowa	502	1940-
South River near Ackworth, Iowa	475	1940-
Whitebreast Creek near Knoxville, Iowa	380	1945-
Cedar Creek near Bussey, Iowa	384	1948-
Sugar Creek near Keokuk, Iowa	113	1922-26.
Lakes in Des Moines River Basin:		
Talcot Lake near Dundee, Minn.	-	1940-46*.
Yankton Lake near Balaton, Minn.	-	1940-47*.
Long Lake near Garvin, Minn.	-	1938-47*.
Lake Shetek at Currie, Minn.	-	1939-47*.
Heron Lake near Heron Lake, Minn.	-	1938-48*.
Tuttle Lake near Ceylon, Minn.	-	1930- *.
Tuttle Lake near Dolliver, Iowa	-	1933-34*.
Springbrook Lake near Guthrie Center, Iowa	-	1936- *.
Lake Ahquabi near Indianola, Iowa	-	1936- *.
Lake Wapello near Drakesville, Iowa	-	1936- *.
Fox River at Cantril, Iowa	161	1940-
Fox River near Wayland, Mo.	392	1922-29.
Fox River at Wayland, Mo.	400	1929-
Bear Creek near Marcelline, Ill.	348	1944-
Wyaconda River above Canton, Mo.	393	1932-
Wyaconda River near Canton, Mo.	447	1922-32.
North Fabius River (head of Fabius River) at Monticello, Mo. ...	452	1922-
North Fabius River at Taylor, Mo.	930	1930-42.
Middle Fabius River near Baring, Mo.	185	1930-
Middle Fabius River near Monticello, Mo.	393	1945-
South Fabius River, North Fork (head of South Fabius River), at Edina, Mo.	72	1930-38.
South Fabius River near Taylor, Mo.	620	1934-
Little Fabius River near Edina, Mo.	25.2	1930-38.
North River at Bethel, Mo.	58	1930-
North River at Palmyra, Mo.	373	1934-
Bear Creek near Hannibal, Mo.	14	1930-36.
Bear Creek at Hannibal, Mo.	29	1938-42; 1947-
Salt River near Shelbyville, Mo.	481	1930-
Salt River near Munnewell, Mo.	626	1930-40.
Salt River near Monroe City, Mo.	2,230	1939-

* Gage heights or gage heights and discharge measurements only.

^d In reports of Iowa State Planning Board.

UPPER MISSISSIPPI RIVER BASIN

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Mississippi River tributaries—Continued.	Drainage Area (square miles)	Period of Record
Salt River near New London, Mo.	2,480	1922-
Crooked Creek near Shelby, Mo.	70	1930-36.
South Fork Salt River at Santa Fe, Mo.	298	1939-
Davis Creek near Mexico, Mo.	59	1930-41.
Long Branch near Paris, Mo.	70.3	1930-35.
Youngs Creek near Mexico, Mo.	67.4	1930-
Middle Fork Salt River at Paris, Mo.	356	1939-
Elk Fork Salt River near Paris, Mo.	262	1930-
Spencer Creek near Frankford, Mo.	200	1930-36.
Peno Creek at Frankford, Mo.	54.2	1930-38.
The Sny at Atlas, Ill.	451	1939-42.
Hadley Creek at Kinderhook, Ill.	72.7	1939-
Hadley Creek near Shinn, Ill.	73.6	1941-46.
Hadley Creek near New Canton, Ill.	74.0	1941-42.
Bay Creek at Pittsfield, Ill.	39.6	1939-
Bay Creek at Mebo, Ill.	162	1939-
Ouivre River, West Fork (head of Ouivre River), near Laddonia, Mo.	32	1930-39.
Ouivre River near Troy, Mo.	903	1922-
Des Plaines River (head of Illinois River) near Gurnee, Ill.	215	1945-
Des Plaines River near Des Plaines, Ill.	374	1940-
Des Plaines River at Riverside, Ill.	635	(1886-90; 1892-1936) ^b ; 1896-98; 1943-
Des Plaines River at Lemont, Ill.	687	1914-44.
Des Plaines River at Romeo, Ill.	-	1914.
Des Plaines River at Joliet, Ill.	-	1914-32.
Des Plaines River above mouth of Jackson Creek, near Channahon, Ill.	1,168	1903-6.
Des Plaines River above Kankakee River, near Channahon, Ill.	-	1902-3.
Illinois River near Minooka, Ill.	-	1903-4.
Illinois River at Morris, Ill.	-	1919-39.
Illinois River near Seneca, Ill.	-	1902-3.
Illinois River at Marseilles, Ill.	7,640	1939-
Illinois River at Ottawa, Ill.	-	1903-4.
Illinois River near La Salle, Ill.	-	1903.
Illinois River at Peoria, Ill.	-	1910-38.
Illinois River near Peoria, Ill.	-	1903-6.
Illinois River at Pekin, Ill.	-	1938-39.
Illinois River at Kingston Mines, Ill.	15,200	1939-
Illinois River at Havana, Ill.	-	1921-27.
Illinois River at Beardstown, Ill.	-	1920-38.
Illinois River at Meredosia, Ill.	25,300	1938-
Waller Creek at Des Plaines, Ill.	13.1	1950-
Willow Creek near Park Ridge, Ill.	19.6	1950-
Salt Creek near Arlington Heights, Ill.	33.7	1950-
Salt Creek at Western Springs, Ill.	122	1945-
Addison Creek at Bellwood, Ill.	18.2	1950-
Chicago Sanitary and Ship Canal at Lockport, Ill.	-	(1900-36) ^b ; 1936-
Hickory Creek at Joliet, Ill.	107	1944-
Spring Creek at Joliet, Ill.	19.7	1925-33.
Du Page River, West Branch (head of Du Page River), at Winfield, Ill.	-	1925-26.
Du Page River at Troy (Will Co.), Ill.	325	1940-
Kankakee River at Davis, Ind.	506	1905-6; (1925-29) ¹ ; 1931-
Kankakee River at Dunn's Bridge, Ind.	1,326	1948-
Kankakee River at Shelby, Ind.	1,800	(1922-30) ¹ ; 1930-
Kankakee River at Momence, Ill.	2,340	1905-6 ¹ ; 1914-
Kankakee River at Ouster Park, Ill.	4,870	1914-33.
Kankakee River near Wilmington, Ill.	5,250	1935-
Yellow River at Plymouth, Ind.	280	1948-
Yellow River at Knox, Ind.	422	1905-6; 1943-
Singleton ditch near Hebron, Ind.	31.8	1948-
Singleton ditch at Schneider, Ind.	122	1948-
Singleton ditch at Illinois, Ill.	228	1944-
West Creek near Schneider, Ind.	55.5	1948-
Iroquois River at Rosebud, Ind.	37.2	1948-
Iroquois River near North Marion, Ind.	137	1948-
Iroquois River at Bensselaer, Ind.	195	1948-
Iroquois River near Foreman, Ind.	398	1948-

* Gage heights or gage heights and discharge measurements only.

** Only monthly figures of discharge or contents.

^b In reports of Illinois Division of Waterways.¹ In reports of Indiana Department of Conservation.

Mississippi River tributaries--Continued.	Drainage Area (square miles)	Period of Record
Illinois River tributaries--Continued.		
Kankakee River tributaries--Continued.		
Iroquois River at Iroquois, Ill.	682	1944
Iroquois River near Chabasso, Ill.	2,120	1923
Oliver ditch near Aix, Ind.	63.8	1948
Big Slough near Collegeville, Ind.	91.1	1948
Bice ditch near South Marion, Ind.	20.8	1948
Carpenter Creek at Egypt, Ind.	43.5	1948
Sugar Creek at Milford, Ill.	430	1948
Terry Creek near Ouster Park, Ill.	12.0	1949
Mazon River near Coal City, Ill.	470	1939
Fox River near Mukwonago, Wis.	-	1927-30.
Fox River at Wilmet, Wis.	880	1939
Fox River at Johnsburg, Ill.	-	1939 *
Fox River near McHenry, Ill.	-	1941 *
Fox River at Algonquin, Ill.	1,364	1915
Fox River at South Elgin, Ill.	-	1914-15*
Fox River at Aurora, Ill.	-	1914*
Fox River at Sheridan, Ill.	-	1905-6
Fox River at Wedron, Ill.	2,500	1914-25
Fox River at Dayton, Ill.	2,570	1925
Fox River at Ottawa, Ill.	-	1903*
Boone Creek near McHenry, Ill.	15.3	1948
Vermilion River, North Fork (head of Vermilion River), near Charlotte, Ill.	184	1942
Vermilion River at Pontiac, Ill.	568	1942
Vermilion River at Streator, Ill.	1,080	1914-30.
Vermilion River at Lowell, Ill.	1,230	1931
Bureau Creek at Princeton, Ill.	186	1936
Bureau Creek at Bureau, Ill.	481	1940
West Bureau Creek at Wyanet, Ill.	83.3	1936
East Bureau Creek near Bureau, Ill.	101	1936
Crow Creek (West) near Henry, Ill.	55.3	1949
Gimlet Creek at Sparland, Ill.	5.42	1945-47; 1949
Crow Creek near Washburn, Ill.	123	1944
Farm Creek at Farmdale, Ill.	27.6	1948
Farm Creek at East Peoria, Ill.	60.9	1943
Fondulac Creek near East Peoria, Ill.	5.47	1948
Kickapoo Creek near Kickapoo, Ill.	120	1944
Kickapoo Creek at Peoria, Ill.	296	1942
Mackinaw River near Congerville, Ill.	764	1944
Mackinaw River near Green Valley, Ill.	1,100	1921
Money Creek above Lake Bloomington, Ill.	45	1933
Money Creek at Lake Bloomington, Ill.	61	1930
Hickory Creek above Lake Bloomington, Ill.	10.1	1938
Panther Creek near El Paso, Ill.	95.0	1949
East Branch Panther Creek near Gridley, Ill.	6.9	1949
East Branch Panther Creek at El Paso, Ill.	27.9	1949
Spoon River at London Mills, Ill.	1,070	1942
Spoon River at Seville, Ill.	1,600	1914
Brush Creek at Lake Bracken near Galesburg, Ill.	9.14	1932
Sangamon River at Mahomet, Ill.	356	1948
Sangamon River at Monticello, Ill.	550	1908-12; 1914
Sangamon River at Decatur, Ill.	-	1905*
Sangamon River at Lake Decatur, Ill.	906	1948
Sangamon River at Riverton, Ill.	2,560	1908-12; 1914
Sangamon River at Springfield, Ill.	-	1903*
Sangamon River at Petersburg, Ill.	3,050	1948-49
Sangamon River near Oakford, Ill.	5,120	1909-12; 1914-19; 1921-22; 1928-33; 1939
Sangamon River near Chandlerville, Ill.	-	1908-9*
South Fork Sangamon River near Taylorville, Ill.	427	1908-12; 1914-17.
South Fork Sangamon River at Kincaid (power plant near Taylorville), Ill.	510	1917-33; 1944
South Fork Sangamon River near Rochester, Ill.	-	1949
Flat Branch near Taylorville, Ill.	-	1949
Spring Creek near Springfield, Ill.	107	1948
Salt Creek near Rowell, Ill.	334	1942
Salt Creek near Kenny, Ill.	459	1908-12.
Salt Creek near Greenville, Ill.	1,800	1941
Lake Fork near Cornland, Ill.	207	1948
Kickapoo Creek at Waynesville, Ill.	227	1948
Kickapoo Creek near Lincoln, Ill.	306	1944
Sugar Creek near Armington, Ill.	307	1948-49
Sugar Creek near Hartsburg, Ill.	335	1944

* Gage heights or gage heights and discharge measurements only.

UPPER MISSISSIPPI RIVER BASIN

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Mississippi River tributaries--Continued.	Drainage Area (square miles)	Period of Record
Illinois River tributaries--Continued.		
Sangamon River tributaries--Continued.		
Crane Creek near Easton, Ill.	28.7	1949-
La Moine River at Colmar, Ill.	655	1944-
La Moine River at Ripley, Ill.	1,310	1921-
North Fork Mauvaise Terre Creek near Jacksonville, Ill.	30.0	1949-
Hurricane Creek near Roodhouse, Ill.	2.33	1950-
Macoupin Creek near Kane, Ill.	875	1921-33; 1940-
Lakes in Illinois River Basin:		
Eagle Lake near Kansasville, Wis.	6.1	1936-40*.
Holden Lake near Elkhorn, Wis.	1	1937- *
Browns Lake near Burlington, Wis.	2.5	1936-40*.
Silver Lake at Silver Lake, Wis.	5.0	1936-40*.
Channel Lake near Antioch, Ill.	-	1939- *
Fox Lake near Lake Villa, Ill.	-	1939- *
Wippersink Lake at Fox Lake, Ill.	-	1939- *
Cahokia Creek near Peag, Ill.	-	1909-12.
Indian Creek at Wanda, Ill.	37.0	1940-
Canteen Creek at Caseyville, Ill.	22.5	1939-
Long Lake at Stallings, Ill.	5.0	1939-49.
Kaskaskia River at Bondville, Ill.	12.3	1948-
Kaskaskia River near Arcola, Ill.	-	1908-12.
Kaskaskia River at Shelbyville, Ill.	1,030	1908-12; 1914; 1940-
Kaskaskia River at Vandalia, Ill.	1,980	1908-12; 1914-
Kaskaskia River at Carlyle, Ill.	2,680	1908-12; 1914-15; 1938-
Kaskaskia River at New Athens, Ill.	5,220	1907-12; 1914-21; 1935-
Asa Creek at Sullivan, Ill.	7.93	1950-
Centralia Reservoir Creek near Centralia, Ill.	7.0	1932-43; 1948-
Shoal Creek near Breesee, Ill.	760	1909-12; 1914; 1945-
Silver Creek near Lebanon, Ill.	335	1908-12; 1914.
Marys River near Sparta, Ill.	17.8	1949-
Big Muddy River near Benton, Ill.	498	1945-
Big Muddy River near Cambon, Ill.	735	1908-12.
Big Muddy River at Plumfield, Ill.	753	1914-
Big Muddy River at Murphysboro, Ill.	2,170	1916-
West Fork Big Muddy River Basin:		
Ewing Creek Basin:		
Tilley Creek near West Frankfort, Ill.	3.9	1938-46; 1948-
Beaucoup Creek near Pindkeyville, Ill.	227	1908-12; 1914.
Beaucoup Creek near Matthews, Ill.	291	1945-

* Gage heights or gage heights and discharge measurements only.

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Acorn Lake, Minn.	2	Cahokia Creek, Ill.	17
Addison Creek, Ill.	15	Calhoun Lake Outlet, Minn.	8
Albert Lake, Minn.	9	Canby Creek, Minn.	9
Antelope Creek, N. Dak.	3	Cannon River, Minn.	10
Anvil Lake, Wis.	11	Canteen Creek, Ill.	17
Apple River, Ill.	12	Canyon Creek, Mont.	2
Apple River, Wis.	10	Carlos Lake, Minn.	7
Asa Creek, Ill.	17	Carpenter Creek, Ind.	16
Badger Creek, Minn.	4	Catfish River, Wis. See Yahara River.	
Balcluth Lake, Minn.	6	Cedar Creek, Ill.	13
Balsam Lake, Minn.	6	Cedar Creek, Iowa	14
Baraboo River, Wis.	12	Cedar Lake (Cedar Creek Basin), Minn.	7
Barrett Lake, Minn.	9	Cedar Lake (Sand Creek Basin), Minn.	10
Bass Lake, Minn.	6	Cedar River, Minn.-Iowa	13
Basswood River, Minn.	5	Cedar River, Red, Wis.	11
Battle Lake, East, Minn.	2	Centralia Reservoir Creek, Ill.	17
Bay Creek, Ill.	15	Champlin Mill Pond, Minn.	8
Bay Lake, Minn.	6	Channel Lake, Ill.	17
Bear Creek, Ill.	14	Chetomba Creek, Minn.	9
Bear Creek, Iowa	13	Chicago Sanitary and Ship Canal, Ill.	15
Bear Creek, Mo.	14	Chippewa Lake, Minn.	9
Bear Lake, Minn.	5	Chippewa Lake, Little, Minn.	9
Beaucoup Creek, Ill.	17	Chippewa River, Minn.	9
Beaver Creek, Iowa	13	Chippewa River, Wis.	10
Beaver Creek, Minn.	11	Chippewa River, Little, Minn.	9
Beaver Lake, Wis.	12	Chippewa River, West Fork, Wis.	11
Belly River, Mont.-Alberta	2	Christina Lake, Minn.	9
Belly River, North Fork, Mont.-Alberta	2	Circle Lake, Minn.	10
Bemidji Lake, Minn.	5	Clam River, Wis.	10
Bemidji Lake, Little, Minn.	2	Clark Lake, Minn.	8
Bice ditch, Ind.	16	Clear Lake, Iowa	13
Big Birch Lake, Minn.	8	Clearwater Lake (Nokasippi River Basin), Minn.	8
Big Eau Pleine River, Wis.	12	Clearwater Lake (Red Lake River Basin), Minn.	4
Big Fork River, Minn.	5	Clearwater Lake (Sauk River Basin), Minn.	8
Big McKenzie Lake, Wis.	10	Clearwater River, Minn.	3
Big Muddy River, Ill.	17	Clinker Lake, Minn.	7
Big Slough, Ind.	16	Coon Creek, Wis.	11
Big Spunk Lake, Minn.	8	Connors Lake, Wis.	11
Big Stone Lake, Minn.	8	Cottonwood Lake, Minn.	9
Big Swan Lake, Minn.	8	Cottonwood River, Minn.	9
Birch Lake, Big, Minn.	8	Cowhorn Lake, Minn.	6
Black Bear Lake, Minn.	7	Crane Creek, Ill.	17
Blackduck Lake, Minn.	3	Crawfish River, Wis.	12
Blackhoof Lake, Minn.	7	Crooked Creek, Mo.	15
Black River, Minn.	5	Crooked Lake, Minn.	6
Black River, Wis.	11	Crow Creek, Ill.	16
Blackwater Lake, Minn.	6	Crow Creek (West), Ill.	16
Blue Earth River, Minn.	9	Crow River, Minn.	8
Bois de Sioux River, N. Dak.-Minn.-S. Dak.	3	Crow River, Middle Fork, Minn.	8
Bone Lake, Wis.	10	Crow River, Middle Fork, diversion from, Minn.	8
Boone Creek, Ill.	16	Crow River, North Fork, Minn.	8
Boone River, Iowa	14	Crow River, South Fork, Minn.	8
Borden Lake, Minn.	8	Crow Wing Lake No. 5, Minn.	7
Boundary Creek, Mont.-Alberta	2	Crow Wing Lake No. 8, Minn.	7
Bowen Lake, Minn.	7	Crow Wing River, Minn.	7
Boy Lake, Little, Minn.	6	Quivre River, Mo.	15
Bronson Lake, Minn.	4	Quivre River, West Fork, Mo.	15
Brophy Lake, Minn.	7	Cynthia Lake, Minn.	10
Browns Lake, Wis.	17	Dam Lake, Minn.	6
Brush Creek, Ill.	16	Dark River, Minn.	5
Buck Lake, Minn.	6	Davis Creek, Mo.	15
Buffalo Lake, Minn.	3	Dean Lake, Upper, Minn.	7
Buffalo River, Minn.	3	Deer Lake (Crow River Basin), Minn.	8
Buffalo River, Wis.	11	Deer Lake (Deer River Basin), Minn.	6
Buffalo River, South Branch, Minn.	3	Deer Lake (Rainy River Basin), Minn.	5
Bull Creek, Jr., Wis.	12	Des Lacs River, N. Dak.	5
Bulldog Run, Minn.	5	Des Moines River, Iowa-Minn.	14
Bureau Creek, Ill.	16	Des Moines River, East Fork, Minn. See Tuttle Lake	
Bureau Creek, East, Ill.	16	Des Moines River, East Fork, Iowa	14
Bureau Creek, West, Ill.	16	Des Moines River, West Fork, Minn.	14
Burntside Lake, Minn.	5	Des Plaines River, Ill.	15
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ALPHABETICAL LIST OF STREAMS AND RESERVOIRS

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Devils Lake, Wis.	12	Hand Lake, Minn.	7
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Duncan Creek, Wis.	11	Hartley Lake, Minn.	6
Du Page River, Ill.	15	Hattie Lake, Minn.	7
Du Page River, West Branch, Ill.	15	Hawk Creek, Minn.	9
Eagle Lake, Wis.	17	Heart Lake, Minn.	6
Eagle Lake (Nokasippi River Basin), Minn.	8	Height of Land Lake, Minn.	2
Eagle Lake (Pine River Basin), Minn.	7	Henderson Creek, Ill.	13
East Battle Lake, Minn.	2	Henderson Creek, North, Ill.	13
East Branch or Fork, See name of main stream.		Henderson Creek, South, Ill.	13
East Bureau Creek, Ill.	16	Heron Lake (Des Moines River Basin), Minn.	14
Eau Claire River, Wis. (tributary to Chippewa River)	11	Heron Lake (Nokasippi River Basin), Minn.	8
Eau Claire River, Wis. (tributary to Wisconsin River)	12	Heron Lake Outlet, Minn.	14
Eau Claire River, East Branch, Wis. (tributary to Wisconsin River)	12	Hickory Creek, Ill. (tributary to Illinois River)	15
Eau Galle River, Wis.	11	Hickory Creek, Ill. (tributary to Money Creek) ..	16
Eau Pleine River, Big, Wis.	12	High Island Lake, Minn.	10
Eden Lake, Minn.	8	Hill Lake, Minn.	6
Edwards River, Ill.	13	Holden Lake, Wis.	17
Elk River, Minn.	8	Holt Lake, Minn.	8
Elkhorn Creek, Ill.	13	Horseshoe Lake, Minn.	10
Emily Lake (Chippewa River Basin), Minn.	9	Hubert Lake, Minn.	8
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