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UNITED STATES DEPARTMENT OF THE
INTERIOR J. A. Krug, Secretary.

GEOLOGICAL SURVEY W. E. Wrather, Director.

RCULAR 35

August 1948

INDEX OF SURFACE-WATER RECORDS

PART 6.—MISSOURI RIVER BASIN

TO SEPTEMBER 30, 1947

By

B. R. Colby and R. E. Oltman

WASHINGTON, D. C.

INDEX OF SURFACE-WATER RECORDS

PART 6.—MISSOURI RIVER BASIN TO SEPTEMBER 30, 1947

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Explanation

The index lists the stream-flow and reservoir stations in the Missouri River Basin for which records have been collected and published (or are to be published) for periods prior to September 30, 1947. The stations on streams, canals, lakes, and reservoirs are listed in downstream order. Tributary streams are indicated by indentation. Of the stations in Canada only those for which records have been or soon will be published by the Geological Survey in water-supply papers have been included in the index.

Station names are given in their most recently published forms. Parentheses around part of a station name indicate that the inclosed word or words appeared 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. Brackets around part of a station name inclose a word or words that did not appear in the name under which some earlier records have been published, and the inclosed part of the name has been added later to the published name without superseding part of the earlier name. The name of a station on a reservoir has generally been extended to include the name of the stream on which the reservoir is located. If a reservoir is located offstream, that fact has been noted; and the name of the stream that is the major source of water for the reservoir has been given:

Discharge records for many stations on canals have been published only by state agencies, and the names of these canal stations usually have been extended to identify them more fully. For a canal diverting from a main stream, the name of the nearest town has usually been added to the name of the canal; for a canal diverting from a minor tributary, the words "diversion from" followed by the name of the tributary have usually been added to the name of the canal station. Canal wastes and small diversions from streams into well-known canals usually have been listed under the names of the canals, and the downstream order of these wastes and diversions has been assigned as though these wastes and diversions were tributaries of the canals.

An attempt has been made to list under one name all equivalent or nearly equivalent discharge records that were obtained at two or more nearby sites on a stream unless the equivalent records were obtained concurrently. Some records that were not approximately equivalent have been published under one station name. These nonequivalent records have been separated in this index.

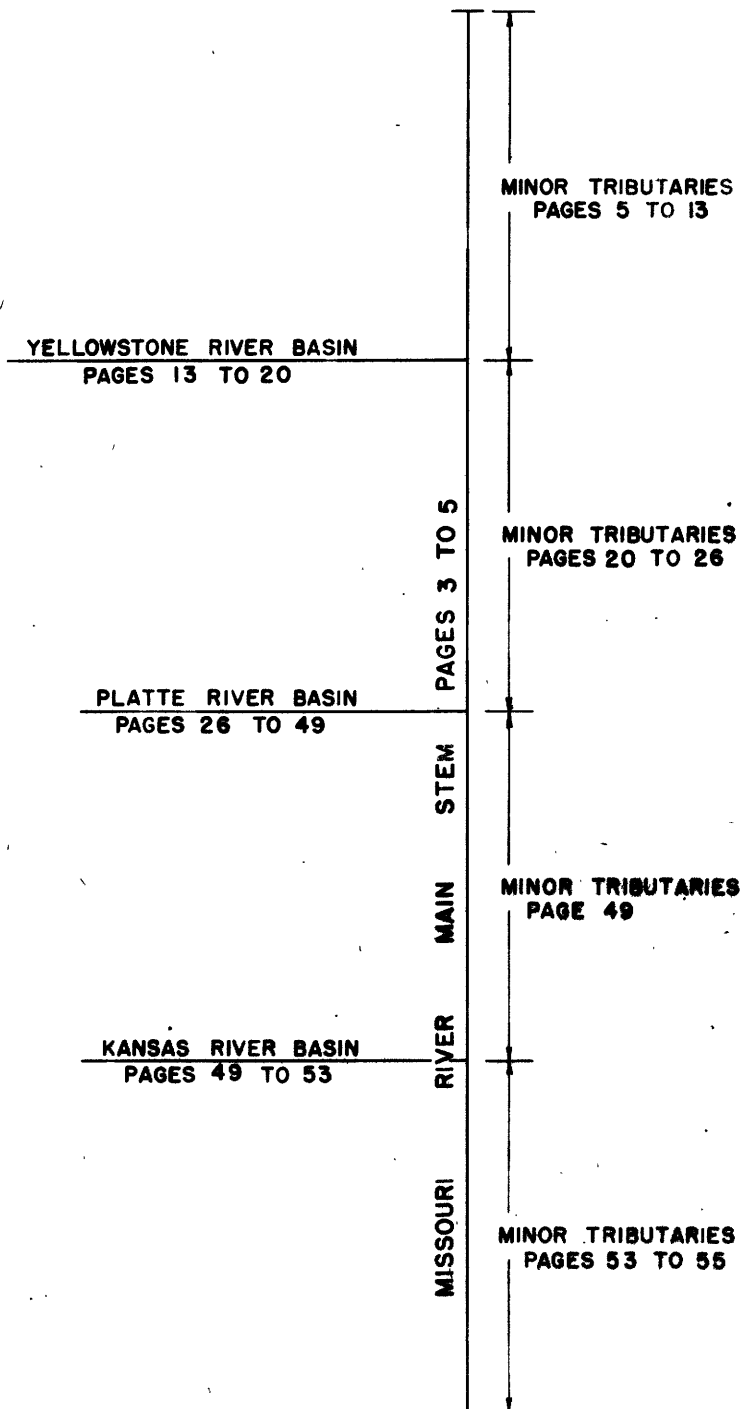
The drainage areas in square miles are the latest figures published or otherwise available at this time. Drainage areas that obviously are inconsistent with other drainage areas on the same stream have been omitted. Some drainage areas not published by the Geological Survey are listed with an appropriate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

Periods of records published or to be published by the Geological Survey are given first. Breaks of less than one year in the periods of record have not been shown. 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. These listed periods of records published by other agencies show only the continuous periods of records of the type not wholly available in the periods of record listed ahead of it. A dash not followed immediately by a closing date shows that the station was in operation on September 30, 1947.

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. Published records consisting only of infrequent discharge measurements are omitted from this index, although some of them were included in the index of September 30, 1947. A few short records of flow of small drains or of diversions or waste from canals have been omitted if they were published by State agencies only. Records of gage heights only and records consisting only of monthly figures either of stream flow or reservoir contents are designated by symbols and footnotes. 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. Also hydrographs of daily discharge plus figures of monthly discharge were not noted as monthly figures only.

An alphabetical index of streams, canals, and reservoirs is given on pages 56 to 63.

SCHEMATIC PAGE INDEX



<u>Missouri River Main Stem</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
Red Rock River (head of Missouri River) near Lakeview, Mont.	-	1933-37.
Red Rock River at Metzel Ford, near Monida, Mont.	-	1925-29; (1924-27**)a.
Red Rock River at Kennedy Ranch, near Lakeview, Mont.	318	1936-
Red Rock River above Red Rock Reservoir, near Monida, Mont.	-	1911; 1914-15; 1930.
Red Rock River (Creek) below Red Rock Reservoir, near Monida, Mont.	560	1911-18; 1925- ; (1911-18**); 1924-29**)a
Red Rock River at Lima, Mont.	615	1907-11.
Red Rock River near Dell, Mont.	1,420	1942-
Red Rock River at Red Rock, Mont.	-	1890.
Beaverhead River (continuation of Red Rock River) at Barratts, Mont.	3,000	1907- ; (1907-29**)a
Beaverhead River at Dillon, Mont.	-	1907*.
Beaverhead River at Blaine, Mont.	3,630	1935-
Jefferson River (continuation of Red Rock- Beaverhead River) near Twin Bridges, Mont.	7,640	1940-43.
Jefferson River near Silverstar, Mont.	7,840	1910-16; 1920-39; (1910-16**)a.
Jefferson River at Sappington, Mont.	8,980	1894-96*; 1896-1905; 1938- ; (1896-1905**)a
Missouri River (continuation of Jefferson River) at Toston, Mont.	-	1910-16; 1941- ; (1890*)b (1910-16**)a
Missouri River near Townsend, Mont.	14,500	1891-96*; 1896-1901; 1903-4; (1896-1904**)a; (1902-16*)c.
Lake Sewall on Missouri River, Mont.	-	1939- **
Missouri River (at Canyon Ferry) below Canyon Ferry Dam, Mont.	-	1889; (1917-31**)a.
Hauser Lake on Missouri River, Mont.	-	1939- **
Missouri River below Hauser Lake Dam, near Helena, Mont.	16,600	1922-42; (1922-1937**)a.
Holter Reservoir on Missouri River, Mont.	-	1939- **
Missouri River below Holter Dam, near Wolf Creek, Mont.	-	1945-
Missouri River at Craig, Mont.	17,600	1890-92; (1889-92**)a.
Missouri River at Cascade, Mont.	18,300	1902-15; (1902-15**)a.
Missouri River at Great Falls, Mont.	22,994	(1890*; 1894-95*)b (1910-11**)a.
Missouri River at Fort Benton, Mont.	24,600	1881- ; (1873-76*)c
Missouri River at Loma, Mont.	34,100	1935-
Missouri River at power plant ferry, near Zortman, Mont.	40,600	1934-
Fort Peck Reservoir at Fort Peck, Mont.	57,725	1938-40*; 1938- **
Missouri River below Fort Peck Dam, Mont.	57,800	1934-
Missouri River near Wolf Point, Mont.	83,200	1928- ; (1891-96*)b; (1905-25*)c
Missouri River near Culbertson, Mont.	92,500	1941-
Missouri River at Fort Buford, N. Dak.	-	(1891-93*)c.
Missouri River near Williston, N. Dak.	164,500	1905-7; 1928- ; (1905-7**)a (1909-11*; 1913-28*)c

a In reports of Corps of Engineers, Department of the Army.

b In reports of Missouri River Commission.

c In reports of United States Weather Bureau.

* Gage heights only.

** Only monthly figures of discharge or contents.

INDEX, PART 6, MISSOURI RIVER BASIN

<u>Missouri River Main Stem--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
Missouri River at Sanish, N. Dak.	167,100	1928-32.
Missouri River near Elbowoods, N. Dak.	179,800	1939-
Missouri River at Ree, N. Dak.	-	(1920-21*) ^c .
Missouri River at Mannhaven, N. Dak.	180,868	1904*.
Missouri River at Washburn, N. Dak.	183,860	1905* ; (1918-24* ; 1928* ; 1936* ; 1939*) ^c .
Missouri River at Bismarck, N. Dak.	186,400	1904-5 ; 1927- ; (1904-5** ; 1927-31**) ^a ; (1891-83* ; 1886-99*) ^b (1891-*) ^c .
Missouri River near Mobridge, S. Dak.	208,700	1928-
Missouri River at Fort Sully, S. Dak.	-	(1873-77*) ^c .
Missouri River at Pierre, S. Dak.	243,500	1929- ; (1882* ; 1895-99*) ^b (1891-1916* ; 1918-*) ^c .
Missouri River at Chamberlain, S. Dak.	250,800	1928-29 ; 1945- ; (1882*) ^b ; (1908-28*) ^c (1931-*) ^c .
Missouri River at Geddes, S. Dak.	-	1947-
Missouri River below Fort Randall Dam, S. Dak.	-	1947-
Missouri River at Running Water, S. Dak.	-	(1881* ; 1892-95*) ^b ; (1908-21*) ^c .
Missouri River at Yankton, S. Dak.	279,500	1930- ; (1873-86* ; 1921-*) ^c .
Missouri River at Sioux City, Iowa	314,600	1928-31 ; 1938- ; (1879-90**) ^a ; (1878-99*) ^b ; (1888-*) ^c .
Missouri River at Blair, Nebr.	-	(1881-99*) ^b ; (1905-39*) ^c .
Missouri River at Omaha, Nebr.	322,800	1928- ; (1872-99*) ^b ; (1875-*) ^c .
Missouri River at Plattsmouth, Nebr.	-	(1873-99*) ^b ; (1873-1928* ; 1932*) ^c .
Missouri River at Nebraska City, Nebr.	414,400	1929- ; (1878-99*) ^b .
Missouri River at Brownville, Nebr.	-	(1880-99*) ^b .
Missouri River at Rulo, Nebr.	-	(1886-99*) ^b .
Missouri River at White Cloud, Kans.	-	(1881-92*) ^b .
Missouri River at St. Joseph, Mo.	424,300	1928- ; (1872-99*) ^b ; (1873-*) ^c .
Missouri River at Atchison, Kans.	424,670	(1878-99*) ^b .
Missouri River at Fort Leavenworth, Kans.	-	(1872-81* ; 1886-99*) ^b .
Missouri River at Leavenworth, Kans.	428,000	1922-29 ; (1921-29**) ^a ; (1873- 89* ; 1892* ; 1894-99*) ^b .
Missouri River at Kansas City, Mo.	489,200	1905 ; 1906* ; 1928- ; (1879- 90** ; 1904-5**) ^a ; (1873-*) ^c .
Missouri River at Avondale, Mo.	-	(1887-99*) ^b .
Missouri River at Sibley, Mo.	-	(1887-99*) ^b .
Missouri River at Lexington, Mo.	-	(1873-99*) ^b .
Missouri River at Waverly, Mo.	491,200	1929- ; (1878-79* ; 1883-99*) ^b (1915-*) ^c .
Missouri River at Dewitt, Mo.	-	(1883-99*) ^b .
Missouri River at Brunswick, Mo.	-	(1873-85*) ^c .
Missouri River at Glasgow, Mo.	-	(1878-99*) ^b ; (1903-14*) ^c .

a In reports of Corps of Engineers, Department of the Army.

b In reports of Missouri River Commission.

c In reports of United States Weather Bureau.

* Gage heights only.

** Only monthly figures of discharge or contents.

<u>Missouri River Main Stem--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
Missouri River at Boonville, Mo.	505,700	1925- ; (1873-*) ^c
Missouri River at Jefferson City, Mo.	5507,525	(1873-85*) ^c ; (187-99*) ^b .
Missouri River at Ewing's Landing, Mo.	-	(1891-97*) ^b .
Missouri River near Bonnots Mill (at Isbell), Mo.	523,400	1928-36; (1894-99*) ^b ; (1938-39*) ^d .
Missouri River at Chamois, Mo.	5524,018	(1895-97*) ^b .
Missouri River at Gasconade, Mo.	-	(1894-99*) ^b .
Missouri River at Coles Creek, Mo.	-	(1891-99*) ^b .
Missouri River at Hermann, Mo.	528,200	1928- ; (1873-*) ^c
Missouri River at St. Charles, Mo.	-	(1879-90**) ^a ; (1878-99*) ^b (1918-*) ^d
Missouri River at Ruegg (Belléfontaine Bridge), Mo.	529,000	1933-35; (1892-99*) ^b .
Sheep Creek below Muddy Creek near Dell, Mont.	-	1946-
Sheep Creek near Dell, Mont.	-	1936.
Horse Prairie Creek near Grant, Mont.	-	1946-
Grasshopper Creek near Dillon, Mont.	360	1921-33; 1945- ; (1921-29**) ^a
Rattlesnake Creek near Dillon, Mont.	-	1946-
Blacktail Creek near Dillon, Mont.	-	1946-
Ruby River above Reservoir, near Alder, Mont.	537	1938-
Ruby River Reservoir	-	1939- **
Ruby (Passamari) River at dam site (at Lauterbach's ranch) near Alder, Mont.	-	1911-14; 1935-36.
Ruby River near Alder, Mont.	-	1929-39; 1946-
Ruby River at Laurin, Mont.	-	1946-
Ruby River below Ramshorn Creek near Sheridan, Mont.	-	1946-
Ruby River near Sheridan, Mont.	-	1946-
Ruby River near Twin Bridges, Mont.	986	1940-43; 1946-
Big Hole River near Dewey, Mont.	-	1910-13; (1910-13**) ^a .
Big Hole River near Melrose, Mont.	2,470	1924- ; (1923-29**) ^a
Birch Creek near Reichle, Mont.	-	1946-
Bell Creek near Waterloo, Mont.	-	1941-42.
Big Pipestone Creek near Whitehall, Mont.	115	1910-11.
Little Pipestone Creek near Whitehall, Mont.	-	1935-40.
Whitetail Creek at Whitehall, Mont.	-	1911.
Little Whitetail Creek near Whitehall, Mont.	-	1911.
Boulder River above Rock Creek near Basin (at CCC Camp, near Bernice), Mont.	-	1936; 1946-
Boulder River at Basin, Mont.	219	1921-23.
Boulder River near Basin, Mont.	-	1919-20.

a In reports of Corps of Engineers, Department of the Army.

b In reports of Missouri River Commission.

c In reports of United States Weather Bureau.

d In reports of the Missouri Geological Survey and Water Resources.

* Gage heights only.

** Only monthly figures of discharge or contents.

<u>Boulder River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
Boulder River near Boulder, Mont.	-	1929-31; 1934-
Rock Creek at CCC Camp near Bernice, Mont.	-	1936.
Muskrat Creek near Boulder, Mont.	7	1912-14.
<u>Little Boulder River Basin</u>		
North Fork Little Boulder River near Boulder, Mont.	-	1926.
South Boulder Creek near Jefferson Island, Mont.	-	1926-33.
Willow Creek near Harrison, Mont.	88.4	1938-
Harrison Lake (Willow Creek Reservoir)	-	1939- **
Willow Creek near Willow Creek, Mont.	164	1919-32; 1946-
Norwegian Creek near Harrison, Mont.	34.6	1938-43; 1946-
Gibbon River near [West] Yellowstone, Mont.	117	1913-16.
Madison River near [West] Yellowstone, Mont.	419	1913- ; (1913-28**) ^a
Hebgen Reservoir	-	1939- **
Madison River below Hebgen Reservoir, near Grayling, Mont.	904	1938-
Madison River at Lyon, Mont.	-	1928-32.
Madison Reservoir	-	1939- **
Madison River below Madison Reservoir, near McAllister, Mont.	2,180	1938-
Madison River near Norris (Red Bluff), Mont.	2,280	1890-93; 1893-94 ^a ; 1910.
Madison River [below Cherry Creek] near Norris (Red Bluff), Mont.	2,390	1897-1905; (1896-1905**) ^a .
Madison River near Three Forks, Mont.	2,485	1893-94 ^a ; 1895-97. 1928-32; 1941-
West Fork Madison River near Lakeview, Mont.	-	1936.
Gallatin River near Gallatin Gateway (Bozeman), Mont.	828	1889-94; 1930- ; (1889-94**) ^a
Gallatin (West Gallatin) River near Salesville, Mont.	848	1895-1905; 1910-13; 1921-23; (1911-13**; 1922-23**) ^a .
Gallatin River at Logan, Mont.	1,805	1893-94 ^a ; 1895-96; 1900-05; 1928-
Taylor Creek near Grayling, Mont.	-	1946-
East Gallatin River at Bozeman, Mont.	149	1939-
Bridger Creek near Bozeman, Mont.	-	1946-
Hyalite Creek (Middle Creek near Bozeman) at Hyalite ranger station, near Bozeman, Mont.	45	1895-96; 1898-1900; 1902; 1904; 1934-
Broadwater East Canal near Toston, Mont.	-	1941-
Broadwater West Canal near Toston, Mont.	-	1941-
Crow Creek near Townsend, Mont.	33	1912-15*.
Crow Creek near Radersburg, Mont. (Upper station)	a54	1901 ^a ; 1924-29; (1924-29**) ^a .
Crow Creek near Radersburg, Mont. (Lower station)	a66	1919-22; (1919-22**) ^a .
Deep Creek near Townsend, Mont.	89	1910-15*.
Prickly Pear Creek near Clancy, Mont.	178	1908 ^a ; 1909; 1910-16; 1921-33; 1946- ; (1910-16**; 1921-33**) ^a

^a In reports of Corps of Engineers, Department of the Army.

* Gage heights only.

** Only monthly figures of discharge or contents.

<u>Prickly Pear Creek Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record^a</u>
Prickly Pear Creek at East Helena, Mont.	a258	1908-13; (1908-13**)a.
Dutchman Creek near Alhambra, Mont.	11.2	1921-24; (1921-24**)a.
Warm Springs Creek at (near) Alhambra, Mont.	18.7	1921-24; (1921-24**)a.
Clancy Creek at Clancy, Mont.	33.4	1921-23; (1921-23**)a.
Lump Gulch Creek at Foley's ranch near Clancy, Mont.	a42	1921-24; (1921-24**)a.
Lump Gulch Creek at Zastrow's ranch near Clancy, Mont.	a54	1908-13; (1908-13**)a.
Tennile Creek near Rimini, Mont.	34	1915- ; (1914-31**)a
Tennile Creek near Helena, Mont.	103	1908- ; (1908-31**)a
Sevenmile Creek at Birdseye, Mont.	a68	1909-13; (1908-13**)a.
Sevenmile Creek near Helena, Mont.	-	1908*.
Lake Helena on Tennile Creek, Mont.	-	1945-
Little Prickly Pear Creek near Marysville, Mont. (Upper station)	-	1909-11.
Little Prickly Pear Creek near Marysville, Mont. (Lower station)	44	1913-32; (1913-31**)a.
Little Prickly Pear Creek near Canyon Creek, Mont.	180	1909-11; 1913-24; (1908-11**; 1913-24**)a
Lost Horse Creek near Marysville, Mont.	a65	1909-11; (1909-11**)a.
Deadman Creek near Marysville, Mont.	a6	1909-11; (1909-11**)a.
Marsh Creek near Marysville, Mont.	a7.5	1909-11; (1909-11**)a.
Canyon Creek near Canyon Creek, Mont.	74	1921-23; (1921-23**)a.
Cottonwood Creek near Canyon Creek, Mont.	17.0	1921-22; (1921-22**)a.
Dearborn River near Clemons, Mont.	122	1908-11; 1921-23; 1929-32; 1934- ; (1920-23**; 1929-31**)a
Dearborn River near Craig, Mont.	-	1945-
Falls Creek near Clemons, Mont.	a40	1908-11; (1908-11**)a.
Smith River near White Sulphur Springs, Mont.	a36	1922-31; 1934-36; (1922-31**)a.
Smith River Reservoir	-	1939- **
Smith River above Fivemile Creek, near White Sulphur Springs, Mont.	-	1934-43.
Smith River at Truly, Mont.	a2,005	1905-7; 1929-32.
Newland Creek near White Sulphur Springs, Mont.	-	1945-
Sheep Creek near White Sulphur Springs, Mont.	35.5	1941-
North Fork of North Fork Sun River near Augusta, Mont.	a280	1911-12; 1945- ; (1911-12**)a
Gibson Reservoir on Sun River, Mont.	-	1940- **
North Fork (Sun River above Augusta) Sun River near Augusta, Mont.	596	1889-90; 1904*; 1905-28; 1936-38***; (1905-28**)a.
Sun River at Fort Shaw, Mont.	1,475	1912-28; (1912-28**)a.
Sun River at Sun River, Mont.	-	1905-12; (1905-12**)a.
Sun River near Vaughn, Mont.	-	1934-
Sun River near Great Falls, Mont.	-	1897*.

^a In reports of Corps of Engineers, Department of the Army.

* Gage heights only.

** Only monthly figures of discharge or contents.

*** Records for this period not equivalent owing to exclusion of diversion.

<u>Sun River Basin--Continued</u>	<u>Drainage Area</u> <u>(square miles)</u>	<u>Period of Record</u>
South Fork of North Fork Sun River near Augusta, Mont.	a247	1911-12; (1911-12**)a.
Pishkun Reservoir (offstream Sun River), Mont.	-	1940- **
Floweree Big Canal near Augusta, Mont.	-	1912.
Willow Creek near Augusta, Mont.	90	1905-25; (1905-25**)a.
Willow Creek Reservoir on Willow Creek (offstream Sun River), Mont.	-	1940-
South Fork Sun River at Augusta, Mont.	200	1904*; 1905-24; (1904-24**)a.
Smith Creek near Augusta, Mont.	26	1906-12.
Smith Creek below Ford Creek, near Augusta, Mont.	-	1945-
Ford Creek near Augusta, Mont.	18	1906-12; (1906-12**)a.
Crown Butte Canal at Riebeling, Mont.	-	1912.
Crown Butte Canal near Simms, Mont.	-	1912.
Sun River Canal near Sun River, Mont.	-	1912.
Sun River Canal at Vaughn, Mont.	-	1912.
Muddy Creek near Power, Mont.	-	1935-39.
Muddy Creek at Vaughn, Mont.	a268	1925-26; 1934-
Belt Creek near Belt, Mont.	-	1905-6; (1904-6**)a.
Highwood Creek near Highwood, Mont.	-	1905-6; (1904-6**)a.
<u>/Lower/</u> Two Medicine Lake on Two Medicine River, Mont.	-	1940-
Two Medicine River near Glacier Park, Mont.	56	1918-24.
Two Medicine River at Midvale, Mont.	-	1902-3*.
Two Medicine River at Family, Mont.	368	1907-24; (1907-24**)a.
Marias River near Shelby, Mont.	2,610	1902-8; 1911- ; (1911-28**)a.
Marias River near Chester, Mont.	-	1921; 1945-47.
Marias River near Brinkman, Mont.	6,400	1921- ; (1921-31**)a.
Badger Creek near Family, Mont.	241	1907-24; (1907-24**)a.
Four Horns Reservoir (offstream Badger Creek), Mont.	-	1940- **
Birch Creek (Swift) Reservoir on Birch Creek, Mont.	-	1940- **
Birch Creek at Swift Dam, near Dupuyer, Mont.	75	1913-26; 1927-29; (1913-27**)a.
Birch Creek near Dupuyer, Mont.	110	1907-26; 1927-32; (1907-27**)a.
Birch Creek at Nelson's ranch, near Dupuyer, Mont.	-	1914-17.
Birch Creek at Hall's ranch, near Dupuyer, Mont.	-	1913-16.
Birch Creek at Robare, Mont.	-	1914-17.
Dupuyer Creek at Dupuyer, Mont.	54	1908-12; (1907-13**)a.
Dupuyer Creek near Valier, Mont.	111	1912-26; 1927-32; (1912-27**)a.
Lake Frances Reservoir (offstream Birch and Dupuyer Creeks), Mont.	-	1940-**

a In reports of Corps of Engineers, Department of the Army.

* Gage heights only.

** Only monthly figures of discharge or contents.

<u>Marias River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
Cut Bank Creek near Browning, Mont.	-	1918-24; (1917-25**) ^a .
Cut Bank Creek at Cut Bank, Mont.	971	1905-19; 1922-24; (1905-19**; 1922-24**) ^a .
Dry Fork of Marias River near Valier, Mont.	125	1911-15; (1910-15**) ^a .
Dry Fork of Marias River at Fowler, Mont.	-	1920-31; (1920-27**) ^a .
Willow Creek near Devon, Mont.	-	1921-25; (1920-24**) ^a .
Teton River near Farmington, Mont.	-	1947-
Teton River at Strabane (near Belleview), Mont.	170	1904-6*; 1908-25; (1908-24**) ^a .
Teton River near Choteau, Mont.	-	1905*; 1906; 1913; 1915-19.
Teton River near Fort Benton, Mont.	21,945	1929-32; (1928-31**) ^a .
Spring Creek near Strabane, Mont.	-	1913; 1917-20.
Spring Creek near Choteau, Mont.	-	1917-20.
Deep Creek at Frazier's ranch, near Choteau, Mont.	38	1912.
Deep Creek near Choteau, Mont.	-	1911-24; (1911-24**) ^a .
Willow Creek near Choteau, Mont.	-	1912-17; (1912-17**) ^a .
Muddy Creek near Bynum, Mont.	82	1912-24; (1911-25**) ^a .
Muddy Creek near Agawam, Mont.	-	1917; (1916-17**) ^a .
Blackleaf Creek near Bynum, Mont.	65	1912-24; (1912-24**) ^a .
Judith River near Utica, Mont.	331	1919-
Judith River near Lewistown, Mont.	-	1910.
Judith River near Winifred, Mont.	22,150	1929-32; (1929-31**) ^a .
Ackley Lake (offstream Judith River), Mont.	-	1939- **
Ross Fork near Hobson, Mont.	-	1946-
Big Spring Creek near Lewistown, Mont.	-	1932-
Cottonwood Creek near Lewistown, Mont.	-	1945-
Sage Creek at Windham, Mont.	58	1920-21.
Wolf Creek near Stanford, Mont.	120	1920-26; (1919-26**) ^a .
North Fork Musselshell River near Delpine, Mont.	21.8	1940-
North Fork Musselshell River at Delpine, Mont.	48	1909-11; 1922-32; (1908-12**; 1921-28**) ^a .
North Fork Musselshell River near Martinsdale, Mont.	230	1907-14; (1906-14**) ^a .
Musselshell River at Harlowton, Mont.	1,130	1907- ; (1906-29**) ^a
Musselshell River at Shawmut, Mont.	21,580	1902-5*; 1905-7; (1904-7**) ^a .
Musselshell River near Ryegate, Mont.	-	1946-
Musselshell River at Lavina, Mont.	-	1906*.
Musselshell River near Roundup, Mont.	-	1946-
Musselshell River at Musselshell, Mont.	24,760	1928-32; 1945- (1905-6**) ^c ; (1928-29**) ^a

^a In reports of Corps of Engineers, Department of the Army.

^c In reports of United States Weather Bureau.

* Gage heights only.

** Only monthly figures of discharge or contents.

<u>Musselshell River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
Musselshell River at Mosby, Mont.	8,010	1929-32; 1934- ; (1929-31**)a
Durand Reservoir on North Fork Musselshell River (offstream Checkerboard Creek), Mont.	-	1940- **
Checkerboard Creek at Delpine, Mont.	24.3	1909-11; 1913-14; 1922-32; (1908-14**; 1921-29**)a.
Spring Creek near Martinsdale, Mont.	35	1922-24; (1921-24**)a.
South Fork Musselshell River above Martinsdale, Mont.	-	1941-
South Fork Musselshell River near Martinsdale, Mont.	a320	1907-14; 1930-32; (1906-1915**)a.
Martinsdale Reservoir (offstream South Fork Musselshell River), Mont.	-	1940- **
American Fork near Harlowton, Mont.	a100	1907-11; 1913; 1924-32; 1906-14**; 1923-29**)a.
American Fork below Lebo Creek, near Harlowton, Mont.	-	1946-
Lebo Creek near Harlowton, Mont.	48	1907-8*; 1909-11; 1913; 1924-32; (1908-14**; 1923-29**)a.
Deadman's Basin Reservoir (offstream Musselshell River), Mont.	-	1940- **
Careless Creek near Living Springs, Mont.	18.5	1920-23; (1920-23**)a.
Careless Creek at Wallum, Mont.	-	1934-42.
West Careless Creek near Living Springs, Mont.	20	1920-21; (1920-21**)a.
Roberts Creek at Hedgesville, Mont.	300	1920-23.
<u>South</u> Willow Creek near Roundup, Mont.	-	1922-25*.
Box Elder Creek near Winnett, Mont.	-	1930-32; 1934-38.
McDonald Creek at Winnett, Mont.	-	1930-32; 1934-45.
Flatwillow Creek near Flatwillow, Mont.	195	1911-32; 1934- ; (1911-29**)a
Flatwillow Creek at Petrolia, Mont.	650	1921-32; (1921-29**)a.
Dry Creek near Van Norman, Mont.	2,530	1939-
South Fork Milk River near international boundary near Browning, Mont.	288	1905-30; (1905-30**)a.
South Fork Milk River near international boundary	433	1931-
Milk River at Milk River, Alberta	1,104	1909-1917; 1917-20**; 1920- ; (1909-)a
Milk River at eastern crossing of international boundary	2,514	1909- ; (1909-30**)a
Fresno Reservoir on Milk River, Mont.	-	1940- **
Milk River above Havre, Mont.	-	1928-32; (1928-30**)a.
Milk River at Havre, Mont.	a5,707	1898-1922; (1898-1922**)a.
Milk River at Lohman, Mont.	6,070	1923-25; 1934- ; (1922-25**)a
Milk River at Chinook, Mont.	-	1897*.
Milk River at Malta, Mont.	a12,457	1902-22; (1902-22**)a.
Milk River near Vandalia (at Hinsdale), Mont.	21,900	1908-20; 1928-39; (1907-20**; 1927-31**)a.
Milk River at Nashua, Mont.	23,300	1939-
* North Fork Milk River near Browning, Mont.	-	1918.

a In reports of Corps of Engineers, Department of the Army.

* In reports of Dominion Water and Power Bureau.

* Gage heights only.

** Only monthly figures of discharge or contents.

<u>Milk River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
North Fork Milk above St. Mary Canal, near Browning, Mont.	62	1911-12; 1921- ; (1911-12**; 1920-30**)a
North Fork Milk River near international boundary (Kimball, Alta.)	101	1909- ; (1909-1920**)a
St. Mary Canal at Hudson Bay divide near Browning, Mont.	-	1917- (Published in Part 5.)
<u>Wild Horse Lake Basin (closed basin, not tributary to Milk River)</u>		
Sage Creek at international boundary	-	1947-
Big Sandy Creek near Big Sandy, Mont.	-	1946-
Big Sandy Creek near Box Elder, Mont.	-	1928-32; 1934-38; (1927-30**)a.
Big Sandy Creek near Assiniboine (Laredo), Mont.	al,956	1918-20; 1946- ; (1918-20**)a
Sage Creek near Kremlin, Mont.	-	1945-
Beaver Creek near Havre, Mont.	a95	1918-21; (1918-21**)a.
Little Boxelder Creek near Havre, Mont.	a29	1918; 1919-21; (1919-21**)a.
Fort Belknap Canal near Chinook, Mont.	-	1903-21.
Clear Creek near Bearpaw, Mont.	74	1918-21; (1918-20**)a.
New Paradise Valley Canal near Chinook, Mont.	-	1920-21.
Winter-Anderson Canal near Chinook, Mont.	-	1906-8.
Lodge Creek at international boundary	797	1910- ; (1911-1920**)a
Lodge Creek (West Fork Milk River) at Chinook, Mont.	al,279	1906-7; 1908*; (1905-7**)a.
McRae Coulee at international boundary	53	1927- ; (1926-30**)a
North Chinook Canal near Havre, Mont.	-	1928-
Reser ditch near Chinook, Mont.	-	1905; 1906*.
West Fork ditch near Chinook, Mont.	-	1905-6.
Battle Creek above Cypress Lake West Inflow Canal near West Plains, Sask.	240	1947- ; (1939-)c
Battle Creek at international boundary	726	1917-
Battle Creek (North Fork Milk River) near Chinook, Mont.	1,430	1905-21; (1905-21**)a.
Cypress Lake West Inflow Canal near West Plains, Sask.	-	1947- ; (1939-)c
Cypress Lake West Outflow Canal near West Plains, Sask.	-	1947- ; (1940-)c
Woodpile Coulee near international boundary	70	1927- ; (1926-30**)a
East Fork Battle Creek near international boundary	98	1927- ; (1926-30**)a
Lyons Coulee at international boundary	47	1927- ; (1926-30**)a
Cook Canal near Chinook, Mont.	-	1905-19.
Matheson Canal near Chinook, Mont.	-	1905-21; 1928-
Paradise Valley Canal near Chinook, Mont.	-	1903*; 1904-9; 1911-19.
Harlem Canal near Zurich, Mont.	-	1904-21.
Agency ditch near Harlem, Mont.	-	1905; 1906-10*; 1910-20.
Peoples Creek near Dodson, Mont.	a729	1918-19; 1921.
Nelson Reservoir (offstream Milk River), Mont.	-	1940- **

a In reports of Corps of Engineers, Department of the Army.

e In reports of Dominion Water and Power Bureau.

* Gage heights only.

** Only monthly figures of discharge or contents.

<u>Milk River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
Whitewater Creek near international boundary	562	1927- ; (1926-30**)a
Frenchman River above East End Reservoir near Ravenscrag (at Phillips' ranch), Sask.	-	1947- ; (1912-17; 1937-)e
East End Reservoir at East End, Sask.	-	1947- ; (1937-)e
Frenchman River below East End Reservoir near (Frenchman River at) East End, Sask.	-	1947- ; (1909-31; 1935-37; 1939-)e
Frenchman River at Morrisons near East End, Sask.	-	1947- ; (1937-)e
Frenchman River at 50-Mile Crossing near Bracken, Sask.	-	1947- ; (1914-31; 1935-)e
Val Marie West Reservoir near Val Marie, Sask.	-	1947- ; (1940-)e
Val Marie Reservoir near Val Marie, Sask.	-	1947- ; (1937-)e
Frenchman River below Val Marie, Sask.	-	1947- ; (1937-)e
Frenchman River at international boundary	2,020	1917- ; (1917-30**)a
Belanger Creek Diversion Canal near Vidora, Sask.	-	1947- ; (1946-)e
Cypress Lake Reservoir near Vidora, Sask.	-	1947- ; (1939-)e
Cypress Lake East Outflow Canal near Vidora, Sask.	-	1947- ; (1940-)e
East End Canal at East End, Sask.	-	1947- ; (1937-)e
Val Marie West Gravity Canal, Sask.	-	1947- ; (1946-)e
Val Marie Canal near Val Marie, Sask.	-	1947- ; (1937-)e
Frenchman Canal near Saco, Mont.	-	1928- ; (1927-38**)f
Beaver Creek near Malta, Mont.	51,130	1917-21; (1917-21**)a.
Beaver Creek near Bowdoin, Mont.	-	1920-21; (1920-21**)a.
Beaver Creek near Saco (Ashfield, Bowdoin), Mont.	51,315	1903*; 1904-6; 1909-12; 1918; (1903-6**)a; 1908-10**; 1917-18**)a
Beaver Creek near Hinsdale, Mont.	52,045	1918-21; (1918-21**)a.
Beaver Creek overflow near Bowdoin, Mont.	-	1903-6; 1908-10; 1911*; 1912.
Rock Creek at international boundary (near Barnard, Mont.)	242	1914-15**; 1927- ; (1926-30**)a.
Rock Creek below Horse Creek, near international boundary (near Barnard, Mont.)	-	1916-26.
Rock Creek near Hinsdale, Mont.	51,396	1906-7; 1912-20; (1905-7**; 1911-20**)a.
Horse Creek at international boundary (near Barnard, Mont.)	71	1914-17; 1918-26**; 1927- ; (1914-)e; (1926-30**)a
McEachern (McEachran) Creek at international boundary	160	1924-
Rock Creek Canal near Hinsdale, Mont.	-	1905; 1906-7*; 1918-20.
Porcupine Creek at Nashua, Mont.	5729	1908*; 1909-24; (1908-24**)a.
Little Porcupine Creek at Fraser, Mont.	5344	1908*; 1909-16; 1918-19; (1908-16**; 1917-19**)a.
Wolf Creek near Wolf Point, Mont.	5244	1908*; 1909-14; (1909-14**)a.
Wolf Point ditch at Wolf Point, Mont.	-	1909.
Redwater Creek at Circle, Mont.	534	1929- ; (1929-31**)a

* Gage heights only.

** Only monthly figures of discharge or contents.

a In reports of Corps of Engineers, Department of the Army.

e In reports of Dominion Water and Power Bureau.

f In reports of Montana State Engineer and Agricultural Experiment Station.

<u>Poplar River Basin</u>	<u>Drainage Area</u> <u>(square miles)</u>	<u>Period of Record</u>
Middle Fork Poplar River at international boundary	381	1931-
Poplar River near Bredette, Mont.	2,840	1934-47.
Poplar River near Poplar, Mont.	a3,070	1908*; 1909-24; 1947- ; (1908-24**)a
East Fork Poplar River at international boundary	256	1931-
East Fork Poplar River near Scooby, Mont.	-	1935-39.
West Fork Poplar River at international boundary	141	1931-
West Fork Poplar River near Richland, Mont.	-	1935-
Big Muddy Creek at Daleview, Mont.	-	1947-
Big Muddy Creek at Reserve, Mont.	a1,385	1920-24; (1919-24**)a.
Big Muddy Creek near Culbertson, Mont.	a2,784	1908*; 1909-21; (1909-21**)a.
Wolf Creek near Medicine Lake, Mont.	a160	1918-19.
Smoke Creek near Poplar, Mont.	-	1918.
Yellowstone Lake at Lake Hotel, Yellowstone National Park	1,010	1921-*
Yellowstone River at Yellowstone Lake Outlet, Yellowstone National Park	1,010	1922-26*; 1926-
Yellowstone River near Canyon Hotel (at Canyon Soldier Station), Yellowstone National Park	1,160	1913-
Yellowstone River at Corwin Springs (Horr), Mont.	2,630	1889-93; 1910-
Yellowstone River near Livingston, Mont.	3,580	1897-1906; 1928-37; 1938-
Yellowstone River at Billings, Mont.	11,180	1904-5; 1928- ; (1905-16*)c
Yellowstone River at Huntley, Mont.	12,000	1907-16.
Yellowstone River at Junction, Mont.	13,500	1906-7.
Yellowstone River at Forsyth, Mont.	40,200	1921-23.
Yellowstone River at Miles City, Mont.	-	1922-23; 1928-
Yellowstone River at Glendive, Mont.	66,900	1897-1908*; 1903-10; 1931-34; (1909-28*)c.
Yellowstone River at Intake, Mont.	66,800	1911-31; (1910-31**)a.
Yellowstone River near Sidney, Mont.	69,450	1934-
Tower Creek at Tower Falls, Yellowstone National Park	51	1922-43.
Lamar River near Tower Falls ranger station, Yellowstone National Park	640	1922-
Blacktail Deer Creek near Mammoth, Yellowstone National Park	14.8	1937-45.
East Fork Blacktail Deer Creek near Mammoth, Yellowstone National Park	10.3	1937-41.
Bear Creek at Jardine, Mont.	-	1946-
Gardiner River at Mammoth (Hotel), Yellowstone National Park	198	1922-38.
Gardiner River near Mammoth, Yellowstone National Park	200	1938-
Lupine Creek near Mammoth, Yellowstone National Park	4.6	1937-41.
Shields River near Wilsall, Mont.	-	1935-
Shields River at Clyde Park, Mont.	544	1921-23; 1929-32; 1934-

* Gage heights only.

** Only monthly figures of discharge or contents.

a In reports of Corps of Engineers, Department of the Army.

c In reports of United States Weather Bureau.

<u>Yellowstone River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
<u>Shields River Basin--Continued</u>		
Brackett Creek (River) near Clyde Park, Mont.	56.5	1921-23; 1934-
Canyon Creek near Chadbourn, Mont.	-	1923.
Bangtail Creek at Chadbourn, Mont.	-	1923.
Willow Creek near Chadbourn, Mont.	-	1923.
North Fork Big Timber Creek near Big Timber, Mont.	40	1907-11.
Big Timber Creek near Big Timber, Mont.	72	1912-24.
South Fork Big Timber Creek near Big Timber, Mont.	10	1907-11.
Boulder River near Contact, Mont.	236	1910-16; 1929.
Boulder River near McLeod, Mont.	-	1912-14.
Boulder River at Big Timber, Mont.	-	1947-
East Fork Boulder River near McLeod, Mont.	-	1907-9.
West Fork Boulder River near Bruffeys, Mont.	94	1904-8; 1909*; 1910.
West Fork Boulder River at McLeod, Mont.	137	1907-14.
Sweetgrass Creek above Melville, Mont.	59.6	1907-24; 1937-
Sweetgrass Creek below Melville, Mont.	137	1907-24; 1937-42; 1946-
Sweetgrass Creek near Greycliff, Mont.	-	1941-42.
Stillwater River near Nye, Mont.	187	1912-15*; 1924-27; 1929-32.
Stillwater River near (at) Absarokee, Mont.	-	1910-14; 1935-
Woodbine Creek near Nye, Mont.	-	1912-15*; 1924-27.
East Rosebud Creek near Roscoe, Mont.	98	1920-21.
East Rosebud Creek at Roscoe, Mont.	115	1921-24.
Rosebud Creek near (at) Absarokee, Mont.	-	1910-14; 1935-
Mystic Lake on West Rosebud Creek, Mont.	-	1939-40**
Clarks Fork above Squaw Creek near Painter, Wyo.	144	1945-
① Clarks Fork below Crandall Creek, Wyo.	401	1929-32.
Clarks Fork near Clark, Wyo.	929	1919-24.
Clarks Fork at Chance, Mont.	-	1921-
Clarks Fork at Fromberg, Mont.	-	1905-13.
Clarks Fork at Edgar, Mont.	-	1921-
Sunlight Creek near Painter, Wyo.	139	1929-32; 1945-
Glacier Lake on Rock Creek, Mont.	-	1939-40**.
Rock Creek near Red Lodge, Mont.	-	1932; 1934-
Rock Creek near Joliet, Mont.	-	1945-
Rock Creek at Rockvale, Mont.	-	1920-22; 1932-40.
West Fork Rock Creek below Basin Creek, near Red Lodge, Mont.	-	1937-

* Gage heights only.

** Only monthly figures of discharge or contents.

Yellowstone River Basin--ContinuedDrainage Area
(square miles)

Period of Record

Clarks Fork Basin--ContinuedRock Creek Basin--Continued

West Fork Rock Creek near Red Lodge, Mont.	-	1932; 1934-44.
Red Lodge Creek above Cooney Reservoir, near Boyd, Mont.	-	1937-
Cooney Reservoir	-	1939-**
Red Lodge Creek below Cooney Reservoir, near Boyd, Mont.	-	1937-
Red Lodge Creek near Boyd, Mont.	-	1932; 1934-36.
Willow Creek near Boyd, Mont.	-	1937-
Pryor Creek above Pryor, Mont.	-	1921-24.
Pryor Creek at Pryor, Mont.	-	1921-24.
Pryor Creek near Billings (at Coburn), Mont.	-	1911-24; 1938-
Pryor Creek at Huntley, Mont.	800	1904-16.
Lost Creek near Pryor, Mont.	-	1921-24.
Wind River near Dubois, Wyo.	233	1945-
Wind River at Dubois, Wyo.	486	1910-12.
Wind River near Burris, Wyo.	1,220	1945-
Wind River near Crowheart, Wyo.	1,920	1945-
Wind River at (near) Riverton (near Arapahoe Agency), Wyo.	2,320	1906-8; 1911-27; 1928-
Bighorn River at Thermopolis, Wyo.	8,080	1900-5; 1910-12; 1913-14**; 1915- ; (1911-18)8
Bighorn River at Manderson, Wyo.	11,900	1941-79
Bighorn River at Kane, Wyo.	15,900	1928-
Bighorn River near St. Xavier, Mont.	-	1934-
Bighorn River near Hardin (near Fort Custer), Mont.	20,700	1904-25; 1928-33.
Bighorn River near Custer, Mont.	-	1945-
Warm Spring Creek near Dubois, Wyo.	-	1911-12*.
Horse Creek at Dubois, Wyo.	133	1910-12**.
Red Creek near Dubois, Wyo.	-	1909*. 1950-
→ North Fork Wind River near Dubois Dinwoody Creek near Burris (Crowheart, Lenore), Wyo.	114	1909**; 1918-30; 1950-
Dry Creek near Burris (Crowheart, Lenore), Wyo.	57	1909*; 1921-40.
Meadow Creek near Lenore (J. K. ranch post office), Wyo.	55	1909*; 1921-23.
Willow Creek near Crowheart (J. K. ranch post office, Lenore), Wyo.	50	1909**; 1921-23; 1925-48.
Bull Lake Creek above Bull Lake Reservoir, Wyo.	178	1941-
Bull Lake Reservoir on Bull Lake Creek, Wyo.	-	1938- **
Bull Lake Creek near Lenore, Wyo.	222	1918-
Wyoming Canal near Lenore, Wyo.	-	(1942-45)8.; 1949-
Wyoming Canal 2d division, Wyo.	-	(1943-45)8. 1949-

* Gage heights only.

** Only monthly figures of discharge or contents.
g In reports of the State Engineer of Wyoming.

Bighorn River below Canyon Dam, Wyo.

(2)
(3)

Yellowstone River Basin--ContinuedDrainage Area
(square miles)Period of RecordsBighorn River Basin--ContinuedWyoming Canal--ContinuedPilot Canal diversion from Wyoming Canal,
Wyo.

- (1943-45)S.

Hurtado ditch near Lenore, Wyo.

- (1942-43)S.

Aragon ditch near Lenore, Wyo.

- (1942-44)S.

Johnstown Canal near Riverton, Wyo.

- (1942-45)S.

Le Clair-Riverton Canal No. 2 near Riverton,
Wyo.

- (1942-45)S.

Le Clair-Riverton Canal No. 2 at Delfelder
flume, near Riverton, Wyo.

- (1943-45)S.

Left Hand Canal near Riverton, Wyo.

- (1942-45)S.

Wyoming Canal No. 2 near Riverton, Wyo.

- (1942-45)S.

[Middle] Popo Agie River near Lander, Wyo.

84 1911-12; 1918-24.

Popo Agie (Little Wind) River below
Arapahoe, Wyo.1,530 1906-9; 1911-12; 1913-14**;
1915-18; (1911-18)S.

Popo Agie River near Riverton, Wyo.

2,010 1941-

North Popo Agie River near Milford, Wyo.

899 1945-

North (North Fork) Popo Agie River near
Lander, Wyo.

140 1938-

Little Popo Agie River near Lander
(at Dallas), Wyo.

108 1946-; (1914)S

Little Popo Agie River at Hudson, Wyo.

331 1907-9; 1911-12; 1914**;

(South Fork) Little Wind River near
Fort Washakie, Wyo.

118 1915-17; 1938-; (1911-17)S

Little Wind River at Fort Washakie, Wyo.

- 1921-40.

Little Wind River above Arapahoe, Wyo.

716 1906-9; 1911-12; 1913-14**;

Little Wind River at
Fort Washakie, Wyo.

127 1915-18; (1911-18)S.

Trout Creek at Wind River, Wyo.

- 1921-40.

Beaver Creek near Lander, Wyo.

118 1938-40; (1941**)S.

Fivemile Creek near Shoshoni, Wyo.

368 1941-42. 1948-

Badwater Creek at Lost Cabin, Wyo.

178 1945-48

Badwater Creek at Bonneville, Wyo.

794 1947-

Baker ditch (pump) near Thermopolis, Wyo.

- (1944)S.

Plummer and Nickelson ditch (pump) near
Thermopolis, Wyo.

- (1943-44)S.

Joe Riedl ditch (pump) near Thermopolis,
Wyo.

- (1942-44)S.

Leo Roncco ditch (pump) near Thermopolis,
Wyo.

- (1942-44)S.

Curtis ditch (pump) near Thermopolis, Wyo.

- (1942)S.

C. R. Ingle ditch (pump) near Thermopolis,
Wyo.

- (1942-44)S.

Juknovich ditch (pump) near Thermopolis,
Wyo.

- (1944)S.

Kirby ditch near Thermopolis, Wyo.

- (1942-44)S.

George Wortham ditch (pump) near
Thermopolis, Wyo.

- (1942)S.

Gwynn (Thornton) ditch (pump) near
Thermopolis, Wyo.

- (1945)S.

** Only monthly figures of discharge or contents.
g In reports of the State Engineer of Wyoming.

Yellowstone River Basin--ContinuedDrainage Area
(square miles)Period of RecordBighorn River Basin--Continued

Cyclone ditch near Thermopolis, Wyo.	-	(1942-44)g.
Owl Creek ditch (pump) near Thermopolis, Wyo.	-	(1942-45)g.
South Fork Owl Creek near Anchor, Wyo.	86	1939-43.
South Fork Owl Creek above (at) Curtis ranch near Thermopolis, Wyo.	139	1931-32; 1938-
South Fork Owl Creek near Thermopolis (Owl Creek near Embar), Wyo.	191	1921-22; 1929-32.
Owl Creek near Thermopolis, Wyo.	484	1910-12; 1915-17; 1931-32; 1938-; (1910-17)g.
Owl Creek near Lucerne, Wyo.	505	1932-33; 1938-
North Fork Owl Creek near Anchor, Wyo.	58.2	1941-
North Fork Owl Creek [at Crann ranch] near Thermopolis, Wyo.	97	1930-32; 1938-39.
Mud Creek near Thermopolis, Wyo.	118	1938-39.
Kirby Creek near Lucerne, Wyo.	240	1941-46.
Jacob Noll ditch (pump) near Kirby, Wyo.	-	(1942-44)g.
Nakamura ditch (pump) near Kirby, Wyo.	-	(1942-44)g.
Paul Jones ditch (pump) near Kirby, Wyo.	-	(1942)g.
Nelson ditch (pump) near Kirby, Wyo.	-	(1942-44)g.
Anderson ditch (pump) near Kirby, Wyo.	-	(1942-44)g.
Upper Hanover Canal near Winchester, Wyo.	-	(1942-45)g.
Cottonwood Creek at Winchester, Wyo.	432	1944-45; (1941-45)g.
Bluff Canal near Winchester, Wyo.	-	(1942-45)g.
Gooseberry Creek near Grass Creek, Wyo.	155	1945-
Gooseberry Creek near Dickie, Wyo.	303	1938-40; (1938-41**)g.
(4) Gooseberry Creek at Pulliam, Wyo.	371	1941-43; (1941-44**)g.
Bighorn Canal [at State bridge] near Worland, Wyo.	-	(1942-45)g.
Bighorn Canal near Manderson, Wyo.	-	(1944)g.
Lower Hanover Canal near Worland, Wyo.	-	(1942-45)g.
Nowater Creek near Worland, Wyo.	-	(1941-44**)g.
Fifteenmile Creek near Worland, Wyo.	-	(1941-44**)g.
Slick Creek near Worland, Wyo.	-	(1941**)g.
Fritz ditch (pump) near Manderson, Wyo.	-	(1943-44)g.
Fivemile Creek near Manderson, Wyo.	-	(1941-44**)g.
(5) Nowood Creek near Tensleep, Wyo.	805	1938-43.
Nowood Creek at Bonanza, Wyo.	1,790	1910-12; 1913-14**; 1915-28; (1910-28)g.
Tensleep Creek near Tensleep, Wyo.	228	1910-12; 1915-24; 1943-
Canyon Creek near Tensleep, Wyo.	66.3	1939-44.
Paintrock Creek below Lake Solitude, Wyo.	-	1945-

* Gage heights only.

** Only monthly figures of discharge or contents.

g In reports of the State Engineer of Wyoming.

<u>Yellowstone River Basin--Continued</u>	<u>Drainage Area</u> <u>(square miles)</u>	<u>Period of Record</u>
<u>Bighorn River Basin--Continued</u>		
<u>Nowood Creek Basin--Continued</u>		
Paintrock Creek at Longview ranger station, near Hyattville, Wyo.	81	1911-12*.
Paintrock Creek near Hyattville, Wyo.	164	1920-27; 1941-
Paintrock Creek near Bonanza, Wyo.	398	1910-12; 1912-13**; 1915-22; (1911-13)g.
Medicine Lodge Creek near Hyattville, Wyo.	86	1943-
Greybull River near Pitchfork, Wyo.	309	1946-
Greybull River near Meeteetse, Wyo.	680	1910-12; 1916-16.
Greybull River at Meeteetse, Wyo.	690	1897; 1903*; 1920-
Greybull River near Basin, Wyo.	1,130	1930-
Wood River at Sunshine, Wyo.	200	1945-
⑤ Wood River near Meeteetse, Wyo.	218	1910-12; 1915-16; 1917*; 1930-
Bench Canal near Burlington, Wyo.	-	1930-38.
<i>Any creek at Greybull</i> Shell Creek near Shell, Wyo.	148	1941-
Shell Creek at Shell, Wyo.	256	1913-14**; 1915-23; (1911-23)g.
North Fork Shoshone River near Wapiti, Wyo.	800	1921-26.
Buffalo Bill (Shoshone) Reservoir on Shoshone River, Wyo.	-	1938-41; 1941- **
Shoshone River below Buffalo Bill Reservoir (Shoshone Reservoir), Wyo.	1,520	1921-
Shoshone River at Cody, Wyo.	-	1902-9.
Shoshone River at Corbett Dam, Wyo.	-	1908-25.
Shoshone River at Willwood Dam, Wyo.	1,820	1925-26.
Shoshone River at Byron, Wyo.	2,300	1929-
Shoshone River at Lovell, Wyo.	-	1897-98; 1899*.
⑦ <i>in the creek near Portland</i> <i>Soap Creek near Portland</i> South Fork Shoshone River near Ishawood, Wyo.	532	1915-24.
South Fork Shoshone River above Shoshone Reservoir (at Marquette), Wyo.	-	1903; 1905-8; 1921-26.
Garland Canal (Corbett Tunnel) at Corbett Dam, Wyo.	-	1909-20; 1922-24; 1925-26.
Bighorn Canal below diversion dam near St. Xavier, Mont.	-	1947-
Soap Creek near St. Xavier, Mont.	111	1911-24; 1939-
Rotten Grass Creek near St. Xavier, Mont.	-	1911-22.
Little Bighorn River at state line, near Wyola, Mont.	199	1939-
Little Bighorn River near Wyola, Mont.	260	1911*; 1912-24.
Little Bighorn River below Pass Creek, near Wyola, Mont.	429	1939-
Little Bighorn River near Crow Agency, Mont.	1,190	1905-6; 1912-24; 1939-32; 1938-
Pass Creek near Wyola, Mont.	119	1935-
Owl Creek near Lodgegrass, Mont.	161	1939-45.

* Gage heights only.

** Only monthly figures of discharge or contents.

g In reports of the State Engineer of Wyoming.

<u>Yellowstone River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
<u>Bighorn River Basin--Continued</u>		
<u>Little Bighorn River Basin--Continued</u>		
Lodgegrass Creek above Willow Creek diversion, near Wyola, Mont.	83	1939-
Lodgegrass Creek near Wyola, Mont.	-	1921-24.
Lodgegrass Creek near Lodgegrass, Mont.	-	1911*; 1912-15; 1921-24.
Lodgegrass Creek at Lodgegrass, Mont.	-	1916-20.
Rosebud Creek near Rosebud, Mont.	-	1938-43.
Rosebud Creek near Forsyth, Mont.	-	1947-
North Fork Tongue River near Dayton, Wyo.	32.4	1945-
Tongue River near Dayton, Wyo.	204	1911-12*; 1918-29; 1940-
Tongue River at Dayton, Wyo.	-	1903*; (1909**)g.
Tongue River at Carneyville, Wyo.	495	1911-12; 1915-17; (1911-13)g.
Tongue River near Acme, Wyo.	894	1938-
Tongue River near Decker, Mont.	1,610	1928-38.
Tongue River Reservoir, Mont.	-	1939- **
Tongue River at Tongue River Dam, near Decker, Mont.	-	1939-
Tongue River near Miles City, Mont.	-	1929-32.
Tongue River at (near) Miles City, Mont.	-	1938-42; 1946-
South Fork Tongue River near Dayton, Wyo.	85.0	1945-
Highline ditch near Dayton, Wyo.	-	1941- **
Wolf Creek at Wolf, Wyo.	37.8	1945-
Goose Creek near Sheridan, Wyo.	120	1929-
Goose Creek at Sheridan, Wyo.	182	1911-12; 1915-16; (1909-10**)g.; 1911-13)g.
Goose Creek below Little Goose Creek at Sheridan, Wyo.	341	1895*; 1896-97.
Goose Creek below Sheridan, Wyo.	392	1942-
Little Goose Creek in Canyon, near Big Horn, Wyo.	51.0	1941-
Little Goose Creek near Big Horn, Wyo.	71	1919-21; (1919-21**)g.
Little Goose Creek at Sheridan, Wyo.	159	1896-97; 1911-12; (1909-12**)g.
South Fork Powder River, near Kaycee, Wyo.	1,150	1911; 1938-40.
Powder River at Sussex, Wyo.	3,090	1938-40.
Powder River at (near) Arvada, Wyo.	6,050	1915-
Powder River at Moorhead, Mont.	-	1929-
Powder River near Mizpah, Mont.	-	1928-33.
Powder River near Locate, Mont.	-	1938-
Middle Fork Powder River at Kaycee, Wyo.	647	1911-12; 1929-32.

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g In reports of the State Engineer of Wyoming.

<u>Yellowstone River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
<u>Powder River Basin--Continued</u>		
Middle Fork Powder River near Kaycee, Wyo.	980	1933-34; 1938-
Red Fork near Barnum, Wyo.	149	1929-32.
North Fork Powder River near Hazelton, Wyo.	27	1947-
North Fork Powder River near Mayoworth, Wyo.	69	1940-
North Fork Powder River near Kaycee, Wyo.	244	1911; 1929-32.
North Fork Crazy Woman Creek near Buffalo, Wyo.	44.9	1944-
Crazy Woman Creek near Buffalo, Wyo.	464	1929-32.
Crazy Woman Creek near Arvada, Wyo.	944	1939-43.
Middle Fork Crazy Woman Creek near Greub, Wyo.	82.7	1944-
Clear Creek at Camp Comfort, near Buffalo, Wyo.	110	1911-12*.
Clear Creek near Buffalo, Wyo.	120	1894; 1896-1900; 1917-27; 1938-
Clear Creek at Buffalo, Wyo.	130	1902*; 1903-4; 1911-12.
Clear Creek near Arvada, Wyo.	1,110	1915-19; 1928-29; 1939-
Rock Creek near Buffalo, Wyo.	60.0	1944-
South Piney Creek at Willow Park, Wyo.	28.9	1945-
Piney Creek at Kearney, Wyo.	106	1902*; 1903-6; 1911-12; 1913-14*; 1915-17; 1919-23; 1940-; (1910*; 1911-13)g
Piney Creek at Ucross, Wyo.	253	1917-19; 1920-23.
<u>North Piney Creek Basin</u>		
Cruetz ditch near Story, Wyo.	-	1903*.
Prairie Dog ditch near Story, Wyo.	-	1903*.
Little Powder River at Biddle, Mont.	-	1938-43.
Little Powder River near Broadus, Mont.	-	1947-
Upper Sevenmile Creek near Glendive, Mont.	-	1921-22.
Deer Creek near Glendive, Mont.	-	1921-22.
Lower Yellowstone Canal at Lower Yellowstone Dam, at Intake, Mont.	-	1911.
Little Muddy Creek (River) near Williston, N. Dak.	1,100	1904-9; 1932-33; 1945-; (1903-9**)a
Little Missouri River at Alzada, Mont.	600	1904-5; 1906*; (1904-5**)a
Little Missouri River near Alzada, Mont.	780	1911-25; 1928-32; 1935-; (1911-25*; 1928-30**)a
Little Missouri River at Camp Crook, S. Dak.	1,900	1903*; 1904-6; (1904-6**)a
Little Missouri River at Marmarth, N. Dak.	44,724	1938-
Little Missouri River at Medora, N. Dak.	6,190	1903-8; 1921-24; 1929-34; 1945- (1909-16*)c; (1903-6*; 1921-24*; 1928-31**)a

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a In reports of Corps of Engineers, Department of the Army.

c In reports of United States Weather Bureau.

g In reports of the State Engineer of Wyoming.

h In reports of the State Engineer of North Dakota.

<u>Little Missouri River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
Little Missouri River near Watford City, N. Dak.	8,490	1934-
Little Beaver Creek near Marmarth, N. Dak.	6633	1938-
Beaver Creek at Wibaux, Mont.	-	1938-
Knife River near Golden Valley (at Broncho, near Broncho), N. Dak.	1,230	1903-19; 1921-24; 1943- ; (1903-19**; 1921-24**) ^a (1921-25**; 1927**) ^h
Knife River at Hazen, N. Dak.	2,352	1928-33; 1937- ; (1928-31**) ^a
Spring Creek at Zap, N. Dak.	547	1924; 1945- ; (1924-27**) ^a
Mandan Lake Creek near Hensler, N. Dak.	26	(1909**) ^a .
Painted Woods Creek near Washburn, N. Dak.	390	1909-10*; (1909-10**) ^a .
Turtle Creek near Washburn, N. Dak.	440	1909-10*; (1909-10**) ^a .
Missouri Coulee near Sanger, N. Dak.	218	(1909**) ^a .
Heart River near South Heart, N. Dak.	-	1946-
Heart River at Lehigh, N. Dak.	453	1943-
Heart River near Richardton, N. Dak.	1,310	1903-22; 1943- ; (1903-24**) ^a
Heart River near Elgin (Glen Ullin), N. Dak.	1,750	1943-
Heart River near Lark, N. Dak.	-	1946-
Heart River near Mandan (at Sunny), N. Dak.	3,362	1924; 1928-33; 1937- ; (1924-31**) ^a
Green River near Gladstone, N. Dak.	-	1945-
Muddy Creek near Almont, N. Dak.	-	1945-
Apple Creek near Menoken (Bismarck), N. Dak.	-	1905; 1945-
Cannonball River near New Leipzig, N. Dak.	1,260	1943-
Cannonball River near Timmer (Stevenson), N. Dak.	3,650	1903-8; 1911-18; 1921-22; 1923-24; 1927-34; (1903-8**; 1911-18**; 1921-31**) ^a .
Cannonball River at Breien, N. Dak.	4,066	1934-
Cedar Creek near Pretty Rock, N. Dak.	1,260	1943-
Cedar Creek near Raleigh, N. Dak.	1,720	1939.
North Fork (Branch) Grand River at Haley, N. Dak.	500	1908-10; 1912-17; 1945- ; (1908-20**) ^a
North Fork Grand River near White Butte, S. Dak.	-	1945-
Grand River at Shadehill (Seim), S. Dak.	3,120	1904*; 1905-6; 1943- ; (1904-6**) ^a
Grand River near Wakpala, S. Dak.	5,510	1912-14; 1915**; 1916-17; 1918*; 1928- ; (1912-17**; 1928-31**) ^a
South Fork Grand River near Cash, S. Dak.	-	1945-
Moreau (Owl) River at Bixby, S. Dak.	1,600	1904-6; (1904-6**) ^a .
Moreau River near Faith, S. Dak.	2,660	1943-
Moreau River near Eagle Butte, S. Dak.	4,320	1943-
Moreau River at Promise, S. Dak.	5,223	1928- ; (1928-31**) ^a

* Gage heights only.

** Only monthly figures of discharge or contents.

a In reports of Corps of Engineers, Department of the Army.

h In reports of the State Engineer of North Dakota.

<u>Cheyenne River Basin</u>	<u>Drainage Area</u> <u>(square miles)</u>	<u>Period of Record</u>
Cheyenne River at Edgemont, S. Dak.	7,143	1903-6; 1928-33; 1946- ; (1903-6**; 1927-28**)a
Cheyenne River near Hot Springs (Cascade Springs), S. Dak.	8,710	1914-20; 1943-
Cheyenne River below Angostura Dam (Hot Springs), S. Dak.	-	1945-
Cheyenne River near Wasta, S. Dak.	12,800	1914-15; 1928-32; 1934- ; (1914-15**)a
Cheyenne River near Eagle Butte (Carlin, Elwood), S. Dak.	24,500	1928- ; (1928-31**)a
Cheyenne River at Rousseau, S. Dak.	-	(1905-7*)c
Beaver Creek near Newcastle, Wyo.	1,320	1943-
Beaver Creek near Burdock (Edgemont), S. Dak.	1,480	1905-6; 1929-32; (1904-6**; 1928-29**)a.
Hat Creek near Edgemont, S. Dak.	-	1905-6; (1904-6**)a
Fall River at Hot Springs, S. Dak.	137	1937-
Beaver Creek near Buffalo Gap, S. Dak.	130	1937-
French Creek near Custer, S. Dak.	-	1945-47.
French Creek near Fairburn, S. Dak.	-	1945-47.
Battle Creek near Keystone, S. Dak.	-	1945-47.
Battle Creek near Hermosa, S. Dak.	-	1945-47.
Battle Creek at Hermosa, S. Dak.	-	1903*.
Squaw Creek near Custer, S. Dak.	-	1945-47.
Squaw Creek near Hermosa, S. Dak.	-	1945-47.
Spring Creek near Hill City, S. Dak.	142	1937-40.
Spring Creek near Keystone, S. Dak.	-	1945-47.
Spring Creek near Rapid <u>[City]</u> , S. Dak.	205	1903-5; 1945-47; (1903-5**)a.
Rapid Creek near Pactola, S. Dak.	316	1929-32; 1946- ; (1928-29**)a
Rapid Creek at Big Bend, S. Dak.	332	1915-17; 1932-42; (1915-42**)i.
Rapid Creek above Canyon Lake, near Rapid City, S. Dak.	384	1946-
Rapid Creek at Rapid <u>[City]</u> , S. Dak.	410	1903-8; 1942- ; (1903-6**)a.
Rapid Creek below Hawthorn ditch, at Rapid City, S. Dak.	426	1946-
Rapid Creek below Little Giant ditch, near Rapid City, S. Dak.	-	1946-
Rapid Creek at Caputa, S. Dak.	-	1946-
Rapid Creek near Farmingdale, S. Dak.	-	1946-
Rapid Creek at Creston, S. Dak.	710	1929-32.
Castle Creek below Deerfield Dam, S. Dak.	95	1946-
Leedy ditch at Rapid City, S. Dak.	-	1946-
Bennett ditch at Rapid City, S. Dak.	-	1946-
Iowa ditch at Rapid City, S. Dak.	-	1946-

* Gage heights only.

** Only monthly figures of discharge or contents.

a In reports of Corps of Engineers, Department of the Army.

c In reports of United States Weather Bureau.

i In Special Report No. 8, Soil Conservation Service, U. S. Department of Agriculture.

<u>Cheyenne River Basin</u>	<u>Drainage Area</u> <u>(square miles)</u>	<u>Period of Record</u>
<u>Rapid Creek Basin</u>		
Lockhart ditch at Rapid City, S. Dak.	-	1946-
Hawthorn ditch at Rapid City, S. Dak.	-	1946-
Murphy ditch near Rapid City, S. Dak.	-	1946-
Cyclone ditch near Rapid City, S. Dak.	-	1946-
South Side ditch near Rapid City, S. Dak.	-	1946-
Little Giant ditch near Rapid City, S. Dak.	-	1946-
Lone Tree ditch near Rapid City, S. Dak.	-	1946-
St. Germain ditch at Caputa, S. Dak.	-	1946-
Hammerquist ditch near Farmingdale, S. Dak.	-	1946-
Corbin-Morse ditch at Rapid, S. Dak.	-	1906*.
Boxelder Creek near Nemo, S. Dak.	-	1945-47.
Boxelder Creek at Blackhawk, S. Dak.	157	1903-5; 1945-47; (1903-5**)a.
Elk Creek near Roubaix, S. Dak.	-	1945-47.
Elk Creek above Piedmont, S. Dak.	-	1945-47.
Elk Creek near Piedmont, S. Dak.	100	1903*.
Belle Fourche River near Moorcraft, Wyo.	1,380	1923-32; (1923-27**)a.
Belle Fourche River below Moorcroft, Wyo.	1,750	1943-
Belle Fourche River at Hulett, Wyo.	2,800	1929-32; 1938-
Belle Fourche River at Wyoming-South Dakota State line	-	1946-
Belle Fourche River at Belle Fourche, S. Dak.	3,250	1903-6; (1903-6**)a.
Belle Fourche River near Belle Fourche, S. Dak.	4,310	1906; 1912-46; (1905-6**; 1911-29**)a.
Belle Fourche River near Fruitdale, S. Dak.	-	1945-
Belle Fourche River near Bear Butte, S. Dak.	-	1945-
Belle Fourche River near Elm Springs, S. Dak.	7,210	1928-32; 1934-; (1928-29**)a.
Redwater Creek near Beulah, Wyo.	459	1929-31; 1936-37.
Redwater Creek (River) at Minnesela, S. Dak.	-	1903.
Redwater Creek (River) at Belle Fourche, S. Dak.	1,048	1903-6; 1945-
Spearfish Creek at Spearfish, S. Dak.	140	1946-
Spearfish Creek near Spearfish, S. Dak.	-	1903-6; (1903-6**)a.
Redwater Canal at Minnesela, S. Dak.	-	1904-6.
Inlet Canal near Belle Fourche, S. Dak.	-	1945-
Indian Creek near Belle Fourche, S. Dak.	-	1904*.
Bear Butte Creek near Bear Butte, S. Dak.	192	1945-
Cherry Creek near Plainview, S. Dak.	-	1945-

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a In reports of Corps of Engineers, Department of the Army.

<u>Bad River Basin</u>	<u>Drainage Area</u> (square miles)	<u>Period of Record</u>
Bad River near Midland, S. Dak.	-	1946-
Bad River near Fort Pierre, S. Dak.	3,107	1928-32; 1934-
North Fork Bad River at Philip, S. Dak.	164	1939-44.
White River at Crawford, Nebr. (upper station)	-	1897.
White River at Crawford, Nebr. (lower station)	295	1931-43; (1924-27)j.
White River above Whitney pipe line, near Crawford, Nebr.	-	(1922-23; 1926-29)j.
White River below Whitney pipe line, near Crawford (below Crawford), Nebr.	350	1931; (1924; 1927-28)j.
White River near Whitney, Nebr.	-	(1925)j.
White River near Chadron, Nebr.	750	1931-43; (1924-29; 1931-43)j; (1924-38**)k.
White River near Oglala, S. Dak.	2,200	1943-
White River near Interior, S. Dak.	4,120	1904-6; 1911*; 1912-18; 1928-32; 1939-42.
White River near Kadoka, S. Dak.	5,000	1942-
White River at (near) Westover, S. Dak.	7,850	1912-18.
White River near Oacoma, S. Dak.	10,200	1928-
Hall Canal diversion from White River, Nebr.	-	(1931; 1935)j.
White River Canal diversion from White River and White Clay Creek, Nebr.	-	(1925)j.
Harris-Cooper Canal diversion from White River, Nebr.	-	(1932; 1935; 1939)j.
White Clay Creek near Crawford, Nebr.	-	(1922; 1924-27)j.
McFarland Canal diversion from White Clay Creek, Nebr.	-	(1931; 1935)j.
Whitney Pipeline diversion from White River, Nebr.	-	(1925-26; 1928-29; 1932)j.
Whitney Reservoir (offstream White River), Nebr.	-	(1925-29; 1933-42; 1943-)j
Little Cottonwood Creek near Whitney, Nebr.	-	(1925-27)j.
Ash Creek near Whitney, Nebr.	-	(1937)j.
Chadron Creek above City Reservoir, near Chadron, Nebr.	-	(1922-29)j.
Chadron Creek below City Reservoir, near Chadron, Nebr.	-	(1922-29)j.
Chadron Creek near Chadron, Nebr.	-	(1922-29)j.
Chadron Creek above mouth, near Chadron, Nebr.	-	(1922-29)j.
South Fork White River near Martin, S. Dak.	-	1938-40.
South Fork White River near Rosebud, S. Dak.	1,020	1943-
South Fork White River at (near) White River, S. Dak.	1,420	1929-32; 1938-40.
South Fork (Little White) White River near Westover, S. Dak.	1,590	1912*; 1913-15; 1916*; 1916-18.
Lake Creek above refuge, near Tuthill, S. Dak.	-	1938-40.
Lake Creek below refuge, near Tuthill, S. Dak.	-	1938-40.
Elm Creek near Tuthill, S. Dak.	-	1938-39; 1940**.
Niobrara River near Marsland, Nebr.	-	(1924-29)j.
Niobrara River above Box Butte Reservoir, near Marsland, Nebr.	-	(1945-)j
Box Butte Reservoir	-	(1945-**)j

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** Only monthly figures of discharge or contents.

j In reports of the Department of Roads and Irrigation, State of Nebraska.

k In Water Resources of Nebraska, Nebraska State Planning Board.

<u>Niobrara River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
Niobrara River below Box Butte Dam, near Dunlap, Nebr.	-	(1941-42; 1944-)j
Niobrara River at Dunlap, Nebr.	1,550	1931-42; (1924-29)j; (1923-38**)k.
Niobrara River near Gordon, Nebr.	2,590	1928-32; 1945-
Niobrara River near (at) Valentine (at Fort Niobrara), Nebr.	6,160	1897*; 1899*; 1901-6; 1928-32. (1901-6**)a.
Niobrara River near Sparks, Nebr.	6,410	1945-
Niobrara River near Spencer (Lynch), Nebr.	10,400	1908*; 1913-14; 1915*; 1927-36; 1947-
Niobrara River near Verdel, Nebr.	11,300	1938-40; (1928) ; (1928-29**)a.
Niobrara River at Niobrara, Nebr.	-	1902*; 1910-13*; (1911-12)j.
Cottonwood Creek at Dunlap, Nebr.	-	(1925; 1927)j.
Snake Creek near Burge, Nebr.	-	1947-
Keyapaha River at Wewela, S. Dak.	-	1937-40.
Bazille Creek near Niobrara, Nebr.	465	1932.
James River at Jamestown, N. Dak.	2,740	1928-33; 1937-38; 1943- ; (1928-34**)h
James River near Lamoure, N. Dak.	-	1903*; (1902-11*)c.
James River at Columbia, S. Dak.	-	1945-
James River at Ashton, S. Dak.	-	1945-
James River at Huron, S. Dak.	15,800	1928-32; 1943- ; (1902-23*)c
James River near Scotland, S. Dak.	21,550	1928-
Elm River at Westport, S. Dak.	-	1945-
Turtle Creek at Redfield, S. Dak.	-	1945-
Vermillion River near Wakonda, S. Dak.	-	1945-
Big Sioux River near Watertown, S. Dak.	-	1901-2*; 1903; 1945- ; (1901-3**)a
Big Sioux River near Flandreau, S. Dak.	2,520	1928-32.
Big Sioux River at (near) Sioux Falls, S. Dak.	6,200	1900-1901; 1943-
Big Sioux River at Akron, Iowa	8,851	1928- ; (1928-31**)a
Split Rock Lake at Ihlen, Minn.	-	1938-*
Rock River at LuVerne, Minn. .	440	1911-14.
Perry Creek at Sioux City, Iowa	60	1945-
Floyd River at Merrill, Iowa	-	(1907-28*)c.
Floyd River at James, Iowa	918	1974-
Omaha Creek near Homer, Nebr.	170	1946-
Little Sioux River at Spencer, Iowa	1,030	1936-42.
Little Sioux River at Correctionville, Iowa	2,450	1918-25; 1928-32; 1936-
Little Sioux River near Kennebec, Iowa	2,730	1939-

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h In reports of the State Engineer of North Dakota.

j In reports of the Department of Roads and Irrigation, State of Nebraska.

k In Water Resources of Nebraska, Nebraska State Planning Board.

<u>Little Sioux River Basin--Continued</u>	<u>Drainage Area</u> <u>(square miles)</u>	<u>Period of Record</u>
Little Sioux River near Turin (Blencoe), Iowa	m4,460	1939-
Spirit Lake at Orleans, Iowa	-	1933- *
Okoboji Lake at Lakeside Laboratory (Arnolds Park), near Milford, Iowa	-	1933- *
Ocheda Lake near Worthington, Minn.	-	1941-47*.
Maple River at Mapleton, Iowa	661	1941-
Maple River at Turin, Iowa	725	1939-41.
West Fork ditch at Holly Springs, Iowa	395	1939-
Monona-Harrison ditch near Turin (Blencoe), Iowa	m4,460	1939-
Soldier River at Pisgah, Iowa	417	1940-
New York Creek near Herman, Nebr.	29.7	1946-
Boyer River at Logan, Iowa	810	1918-25; 1937- ; (1918-25**)*a
Grizzly Creek (head of Platte River) near Walden (Hebron), Colo.	252	1904-5; 1923; 1926-30; 1933-47; (1922-23**); 1926-30**)*a (1926-47)n.
North Platte River near Walden (Hebron), Colo.	463	1904-5; 1923-30; 1933-47; (1923-47)n; (1923-30**)*a.
North Platte River near Cowdrey, Colo.	-	1904-5.
North Platte River near Northgate (Pinkhampton), Colo.	1,440	1904; 1915- ; (1904-6**); 1910-30**)*a
North Platte River at Saratoga, Wyo.	2,880	1903-6; 1909; 1910- ; (1903-38**)*k
North Platte River above Seminole Reservoir, near Sinclair (Parco), Wyo.	3,320	1939-
Seminole Reservoir	-	1939-40; 1940- **; (1939-)j
North Platte River above Pathfinder Reservoir, Wyo.	7,410	1913-25; 1929-30; (1903-38**)*k; (1909-38)j.
Pathfinder Reservoir	-	1938-40; 1940- **; (1909-13**); (1910-13**)*j
North Platte River below Pathfinder Reservoir, Wyo.	10,700	1904-40; (1904-30**)*a.
Alcova Reservoir	-	1938- **; (1938-)j
North Platte River at Alcova, Wyo.	10,800	1904-5; 1935-
North Platte River near Casper, Wyo.	-	1917-19; 1924.
North Platte River below (at) Casper, Wyo.	12,600	1929-
North Platte River at Parkerton, Wyo.	-	1919-24.
North Platte River near (at) Douglas, Wyo.	14,300	1891-93**; 1894; 1919-23; 1929-30; 1946-
North Platte River at Orin (near Orin Junction), Wyo.	14,800	1895-98; 1899**; 1924.
North Platte River at McKinley, Wyo.	-	1917-18.
North Platte River near Cassa, Wyo.	15,700	1946-
Guernsey Reservoir	-	1938-**; (1928-)j
North Platte River below Guernsey Reservoir (at Guernsey, above Whalen), Wyo.	16,200	1900- ; (1900-1908**)*a
North Platte River at recorder station below Whalen (near Fort Laramie, below Whalen), Wyo.	16,300	1887-1890**; 1909- ; (1908-38**)*k

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a In reports of Corps of Engineers, Department of the Army.

j In reports of the Department of Roads and Irrigation, State of Nebraska.

k In Water Resources of Nebraska, Nebraska State Planning Board.

m Combined drainage area of Little Sioux River and Monona-Harrison ditch.

n In reports of the State Engineer of Colorado.

<u>Platte River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
North Platte River at Vaughn, Wyo.	-	1924.
North Platte River at Torrington, Wyo.	21,700	1930-39; (1919**; 1926-30**)a; (1928-39)j.
North Platte River at Wyoming-Nebraska State line	22,100	1929-; (1927-38**)k
North Platte River at Henry, Nebr.	22,100	1912-16; (1912-19)j.
North Platte River at Morrill, Nebr.	-	(1917; 1919-23)j.
North Platte River at Mitchell, Nebr.	24,300	1901-11; 1912-13*; 1930-; (1916-18; 1920-)j; (1901-11**; 1920-30**)a
North Platte River at Scottsbluff (near Gering), Nebr.	-	1897-1900; 1912; (1917-18)j.
North Platte River near Minatare (at Melbeta), Nebr.	24,700	1930-; (1916-19; 1922-)j; (1917-19**; 1922-30**)a;
North Platte River at Bridgeport (near Camp Clark), Nebr.	25,300	1896-1900; 1902-6; 1915; 1930- (1916-)j; (1914-38**)k; (1902-6**)a
North Platte River at Broadwater, Nebr.	-	(1917-23)j.
North Platte River at Lisco, Nebr.	26,900	1931-; (1916-17)j
North Platte River at Oshkosh, Nebr.	27,500	1930-; (1916-17; 1928-)j
North Platte River at Lewellen, Nebr.	29,400	1931; 1940-
North Platte River at Belmar, Nebr.	-	(1917-25)j; (1917-25**)a.
North Platte River at Lemoyne, Nebr.	-	(1926-27)j; (1925-27**)a.
North Platte River at Martin, Nebr.	30,000	1933-38.
McConaughy Lake on North Platte River, near Keystone, Nebr.	-	1941-**; (1941-)j
North Platte River near Keystone, Nebr.	-	1940-; (1917; 1939-)j
North Platte River near Sutherland, Nebr.	31,300	1931; 1936-; (1917; 1931-33; 1935-)j
North Platte River at North Platte, Nebr.	32,000	1895-1909; 1910*; 1911-15; 1930-; (1895-1909; 1911-)j; (1895-1930**)a
Platte River at Brady, Nebr.	56,900	1939-; (1937-)j
Platte River at Gothenburg, Nebr.	-	(1916-17; 1931)j.
Platte River near Cozad, Nebr.	57,200	1940-; (1932; 1936-)j
Platte River near Lexington, Nebr.	58,000	1902-6; (1917-24)j; (1902-6**; 1917-24**)a.
Platte River near Overton (Elm Creek), Nebr.	58,400	1914*; 1915; 1937-; (1915-23; 1927-)j; (1914-38**)k
Platte River near Odessa, Nebr.	58,800	1938-; (1937-)j
Platte River near Grand Island, Nebr.	59,500	1933-
Platte River at Central City, Nebr.	-	(1922-23; 1925-27)j; (1924-27**)c.
Platte River near Duncan (Columbus), Nebr.	61,600	1895-1909; 1910-11*; 1912-15; 1928-; (1913-15)j; (1895-1909**; 1912-15**; 1928-30**)a
Platte River near Fremont (Leshara), Nebr.	-	1911-15.
Platte River near Ashland, Nebr.	83,800	1928-

* Gage heights only.

** Only monthly figures of discharge or contents.

a In reports of Corps of Engineers, Department of the Army.

c In reports of United States Weather Bureau.

j In reports of the Department of Roads and Irrigation, State of Nebraska.

k In Water Resources of Nebraska, Nebraska State Planning Board.

<u>Platte River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
Platte River near South Bend, Nebr.	-	1903*.
Little Grizzly Creek near Hebron, Colo.	96	1904-5; 1933-45; (1931-45) ⁿ .
Roaring Fork near Walden (Hebron), Colo.	84	1904-5; 1923-30; 1933-47; (1923-47) ⁿ ; (1904-5) ^{**} ; 1923-30 ^{**}) ^a .
North Fork North Platte River at Higho, Colo.	-	1904-5.
North Fork North Platte River near Walden, Colo.	168	1923-28; 1937-45; (1923-28) ^{**}) ^a .
Michigan River near Lindland, Colo.	62	1933-41; (1931-41) ⁿ .
Michigan River at Haworth School, near Lindland, Colo.	114	1937-39.
Michigan River at (near) Walden, Colo.	185	1904-5; 1923-30; 1933-47; (1923-47) ⁿ ; (1904-5) ^{**} ; 1923-30 ^{**}) ^a ; (1918 ^{**}) ^o .
Michigan River near Cowdrey, Colo.	480	1904-5; 1937-47.
Owl Creek near Lindland, Colo.	-	1937.
Illinois Creek near Rand, Colo.	71	1933-40; (1931-40) ⁿ .
Illinois Creek at Walden, Colo.	259	1923-30; 1933-47; (1917-18 ^{**}) ^o ; (1923-47) ⁿ ; (1923-30 ^{**}) ^a .
Willow Creek near Rand, Colo.	71	1933-40; (1931-40) ⁿ .
Canadian River at Cowdrey, Colo.	174	1904-5; 1929-31; 1937-47; (1929-30 ^{**}) ^a .
Douglas Creek near Keystone, Wyo.	28	1912; 1914-16.
Douglas Creek near Fox Park, Wyo.	121	1946-
Mullen Creek near French, Wyo.	-	1911*.
Big Creek near Big Creek (Downington), Wyo.	123	1911-12*; 1913-14 ^{**} ; 1915-24; (1909 ^{**} ; 1913-24) ^g ; (1912-24 ^{**}) ^a .
French Creek near French, Wyo.	60	1911-12; 1913-14 ^{**} ; 1915-24; (1909-11 ^{**} ; 1911-18) ^g ; (1911-24 ^{**}) ^a .
Brush Creek near Saratoga, Wyo. (upper station)	77.5	1941-45; 1947-
Brush Creek near Saratoga, Wyo. (lower station)	98	1911-12; 1913-14 ^{**} ; 1915; (1909-11 ^{**} ; 1911-15) ^g .
Beaver Creek at Anderson's ranch, near French, Wyo.	-	(1909-10 ^{**}) ^g .
Encampment River above Encampment, Wyo.	205	1940-44.
Encampment River at Encampment (Peryam's ranch), Wyo.	219	1900; 1911-12; 1912-14 ^{**} ; 1915-24; 1929-32; (1909-11 ^{**} ; 1911-18) ^g ; (1911-24 ^{**} ; 1928-30 ^{**}) ^a .
Encampment River at mouth, near Encampment, Wyo.	260	1940-
Cow Creek near Saratoga, Wyo.	60	1911-12; (1909-10 ^{**}) ^g .
Spring Creek near Saratoga, Wyo.	152	1911-12.
North Spring Creek near Saratoga, Wyo.	26	1913-15.
Jack Creek at Matheson Ranch, near Saratoga, Wyo.	32	1913-17; 1919-24; (1913-17 ^{**} ; 1918-24 ^{**}) ^a .
Jack Creek at Blydenburg's ranch, near Saratoga, Wyo.	-	1912-14 ^{**} ; (1913-14) ^g .

* Gage heights only.

** Only monthly figures of discharge or contents.

a In reports of Corps of Engineers, Department of the Army.

g In reports of the State Engineer of Wyoming.

n In reports of the State Engineer of Colorado.

o In Water Resources of Colorado, Colorado Water Conservation Board.

<u>Platte River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
Jack Creek at Burdick's ranch, near Saratoga, Wyo.	-	1911-12; (1909-10**)g.
Pass Creek near Saratoga, Wyo.	119	1929-32.
Pass Creek near Walcott, Wyo.	278	1911; (1909-10**)g.
Medicine Bow River near Elk Mountain, Wyo.	65.6	1946-
Medicine Bow River near Medicine Bow, Wyo.	178	1911-12; 1913-14**; 1915-17; 1919-24; (1911-17)g; (1911-17**; 1919-24**)a.
Medicine Bow River at Medicine Bow, Wyo.	900	1901.
Medicine Bow River above Seminoe Reservoir, near Hanna, Wyo.	2,310	1939-
Rock Creek at (near) Arlington, Wyo.	70	1911-18; 1939- ; (1909-10**)g.
Rock Creek near Rock River, Wyo.	184	1911-12; 1928-33; (1909-10**)g.
Rock Creek below Rock River, Wyo.	216	1940-42.
Deep Creek near Arlington, Wyo.	3.7	1914-18.
<u>Little Medicine Bow River Basin</u>		
Muddy Creek near Shirley, Wyo.	67	1915-17.
Sage Creek above Pathfinder Reservoir, Wyo.	182	1915-25; (1915-25**)a.
Deweese Creek near Alcova, Wyo.	41	1917-24; (1916-24**)a.
Sand Creek near (above) Alcova, Wyo.	70	1915-24; (1915-24**)a.
Sweetwater River near Atlantic City, Wyo.	411	1946-
Sweetwater River near Splitrock, Wyo.	2,180	1902-3.
Sweetwater River near Alcova, Wyo.	2,270	1913-24; 1938- ; (1913-24**)a
Horse Creek near Alcova, Wyo.	119	1915-24; (1915-24**)a.
Canyon Creek near Alcova, Wyo.	54	1915-24; (1915-24**)a.
Bates Creek near Freeland, Wyo.	129	1940; 1945-
Bates Creek near Alcova (Casper), Wyo.	377	1916-24; 1935- ; 1916-24**)a
Casper Creek at Casper, Wyo.	662	1946-
Deer Creek in canyon, near Glenrock, Wyo.	120	1946-
Deer Creek at Glenrock, Wyo.	216	1916-24; 1928-33; 1935- (1916-17**; 1918-24**; 1927-30**)a
Running Dutchman Canal near Careyhurst, Wyo.	-	1935-
Boxelder Creek at Boxelder, Wyo.	63.2	1946-
Boxelder Creek near Careyhurst, Wyo.	202	1911; 1916-24; 1928-33; 1935- ; (1915-24**; 1928-30**)a
Douglas (Morton) Canal near Orpha, Wyo.	-	1935-
La Prele Creek near Douglas, Wyo.	146	1919-
La Prele Creek near Orpha (Fetterman), Wyo.	227	1916; 1918; 1923-24; 1928-33; 1935- ; (1917-18**; 1922-24**; 1927-30**)a
Wagonhound Creek near La Bonte, Wyo.	125	1916-24; 1929-32; 1937- ; (1916-24**)a
La Bonte Creek near La Bonte, Wyo.	302	1916-24; 1928-33; 1935- (1916-24**; 1928-30**)a

** Only monthly figures of discharge or contents.

a In reports of Corps of Engineers, Department of the Army.

g In reports of the State Engineer of Wyoming.

<u>Platte River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
<u>La Bonte Creek Basin--Continued</u>		
West Fork La Bonte Creek near La Bonte, Wyo.	23.8	1946-
Horseshoe Creek near Esterbrook, Wyo.	45.0	1946-
Horseshoe Creek near Glendo, Wyo.	203	1916-19; 1921-24; 1928-33; 1935- ; (1909-10**)g; (1915-19**; 1920-24**; 1927-30**)a
Cottonwood Creek near Fletcher Park, Wyo.	48.1	1946-
Cottonwood Creek at (near) Wendover, Wyo.	159	1916-24; 1929-33; 1935-42; 1946- ; (1909-10**)g; (1915-24**)a
Fort Laramie Canal at Whalen, Wyo.	-	(1918-28; 1932-)j
Lingle Power Waste near Lingle, Wyo.	-	(1925-27; 1930-31)j.
Horse Creek Lateral of Fort Laramie Canal at Wyoming-Nebraska State line	-	(1936-38**)g.
Interstate Canal at Whalen, Wyo.	-	1910-16; (1909-28; 1930-31; 1932-)j
Lateral No. 1 of Interstate Canal at Wyoming-Nebraska State line	-	(1936-38**)g.
Laramie River one half mile below Laramie Poudre Tunnel, Colo.	-	(1911-12)n.
Laramie River near Glendevy, Colo.	101	1904-5; 1910-30; 1933- (1910-)n; (1910-30**)a
Laramie River near Jelm, Wyo.	297	1904**; 1905; 1911- ; (1910-30**)a
Laramie River at (near) Woods Landing, Wyo.	375	1890-92; 1895*; 1896-1900; 1911; (1911-18**)a.
Laramie River and Pioneer Canal near Woods, Wyo.	418	1912; 1912-14**; 1914-24; 1927; 1932- ; (1912-18)g; (1912-24**)a
Laramie River at Laramie, Wyo.	-	1933-
Laramie River at Two Rivers, Wyo.	1,290	1911-12; 1913**; 1913-27; 1933- ; (1908-27**)a (1911-18)g
Laramie River near Lookout, Wyo.	2,100	1912-14**; 1915-17; 1932- ; (1914-17)g; (1912-17**; 1921-27**)a
Laramie River below (at) McGill, Wyo.	2,230	1912-14**; 1915-17; (1914-17)g.
Laramie River near Wheatland, Wyo.	2,480	1912; 1913-14**; 1915-16; 1929-33; (1912-16)g.
Laramie River at Uva, Wyo.	3,179	1895-99; 1903.
Laramie River near (at) Fort Laramie, Wyo.	4,600	1915- ; (1914-30**)a
Laramie River at Siphon, Wyo.	-	(1925-29**)a.
Rawah Creek near mouth, Colo.	-	(1912-14)n.
Stub Creek at mouth near Glendevy, Colo.	-	(1912-13)n.
McIntyre Creek near Glendevy (Gleneyre), Colo.	-	(1913)n.
McIntyre Creek at Gleneyre, Colo.	-	1904-5; (1913)n.
La Garde Creek at mouth, Colo.	-	(1912-13)n.
Grace Creek at mouth, Colo.	-	(1912-13)n.
Stuck Creek at mouth, Colo.	-	(1912-13)n.

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g In reports of the State Engineer of Wyoming.

j In reports of the Department of Roads and Irrigation, State of Nebraska.

n In reports of the State Engineer of Colorado.

<u>Platte River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
<u>Laramie River Basin--Continued</u>		
Johnson Creek at mouth, Wyo.	-	(1912-13)n.
Pioneer Canal near Woods, Wyo.	-	1912; 1915-14**; 1915-24; 1927; 1932-
Soldier Creek at State Fish Hatchery, Wyo.	-	(1914)g.
Little Laramie River near Filmore (Hatton), Wyo.	155	1902-3; 1911-12; 1913-14**; 1915-26; 1932-; (1911-18)g; (1911-26**)a
Little Laramie River at Two Rivers (near Laramie), Wyo.	310	1903*; 1911-27; 1933-; (1909-27**)a
Sybill Creek above Bluegrass Creek, near Wheatland, Wyo.	265	1941-
Sybill Creek near Wheatland, Wyo.	568	1912**; 1914**; 1915-16; (1915-16)g; (1912-16**)a.
North Laramie River (upper station) near (at) Wheatland, Wyo.	366	1914-23; 1939-; (1914-23**)a
North Laramie River near Wheatland, Wyo.	370	1912; 1915-14**; (1913-14)g.
North Laramie River at Uva, Wyo.	-	1911-12*.
Chugwater Creek at Chugwater, Wyo.	359	1911-12; 1913-14**; 1915-21; 1938-40; (1911-18)g.
Gering-Fort Laramie Canal diversion from Laramie River, Wyo.	-	1939- **
Rawhide Creek near (east of) Lingle, Wyo.	510	1928- ; (1923-25)j
Cherry Creek drain near Torrington, Wyo.	-	1935- ; (1926-29)j
Arnold drain near Torrington, Wyo.	-	1939-42; (1924-27)j.
Pullen drain near Torrington, Wyo.	-	(1927; 1929)j.
French Canal near Henry, Nebr.	-	(1929; 1946)j.
Katzer drain near Henry, Nebr.	-	1928- ; (1926-29)j.
Mitchell Canal at Wyoming-Nebraska State line	-	1938-41; (1916-17; 1921-31; 1932-)j; (1928-41**)g
Spring Creek near Henry, Nebr.	-	(1931-42)j.
Gering Canal near Henry, Nebr.	-	(1916-)j
Gering Canal at Badlands, Nebr.	-	(1920-21; 1929-37)j.
Tri-State Canal near Henry, Nebr.	-	(1916; 1919; 1921-)j
Tri-State Canal diversion from Sheep Creek, Nebr.	-	(1915; 1919; 1921-42)j.
Tri-State Canal diversion from Akers Draw, Nebr.	-	(1929-42)j.
Tri-State Canal diversion from Dry Spotted Tail Creek, Nebr.	-	(1914-15; 1931-37; 1938**; 1939-42)j.
Tri-State Canal diversion from Wet Spotted Tail Creek, Nebr.	-	(1915; 1919; 1921; 1923-42)j.
Tri-State Canal waste into Mitchell Spillway, Nebr.	-	(1929; 1936-38; 1941)j.
Tri-State Canal diversion from Tub Springs, Nebr.	-	(1915; 1922-26; 1928; 1931-42)j.
Tri-State Canal diversion from Alliance drain, Nebr.	-	(1931-41)j.
Tri-State Canal diversion from Moffat drain, Nebr.	-	(1931; 1933-42)j.
Tri-State Canal (Northport Canal) near Bayard, Nebr.	-	(1920; 1922-)j
Ramshorn Canal near Henry, Nebr.	-	(1919-)j

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n In reports of the State Engineer of Colorado.

<u>Platte River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
Horse Creek near Meriden, Wyo.	-	1945-
Horse Creek near Little Horse Creek, Wyo.	-	1911-12*.
Horse Creek near La Grange, Wyo.	683	1911-12*; 1915-f?; (1909-10**; 1912-14)g; (1915-20**)a.
Horse Creek near Yoder, Wyo.	1,320	1928-33; 1938-41; (1938-44**)g.
Horse Creek near Lyman, Nebr.	1,860	1931- ; (1921-)j; (1920-38**)k
Hawk Springs at La Grange, Wyo.	-	(1914)g.
State Line and Gilmore Canal diversion from Horse Creek, Nebr.	-	(1920)j.
Lane drain near Lyman, Nebr.	-	(1928-41)j.
Sheep Creek near Morrill, Nebr.	-	1931- ; (1919-)j
Enterprise Canal near Morrill, Nebr.	-	(1916; 1919-)j
Enterprise Canal diversion from Stewart drain and Morrill drain, Nebr.	-	(1920-23; 1929-)j
Enterprise Canal diversion from Dry Spotted Tail Creek, Nebr.	-	(1920-23; 1925; 1927; 1931-32; 1934; 1938)j.
Enterprise Canal diversion from Wet Spotted Tail Creek, Nebr.	-	(1925-)j
Enterprise Canal diversion from Tub Springs, Nebr.	-	(1920-27; 1929-)j
Enterprise Canal tailwaste near Scottsbluff, Nebr.	-	(1925; 1930)j.
Morrill drain near Morrill, Nebr.	-	(1922-29; 1930-31)j.
Stewarts drain near Morrill, Nebr.	-	(1920-31)j.
Toohey Spillway from Tri-State Canal, Nebr.	-	(1923; 1925-40)j.
Toohey drain near Mitchell, Nebr.	-	(1921-22; 1924-34)j.
Bald drain near Mitchell, Nebr.	-	(1930-42)j.
Dry Spotted Tail Creek near Mitchell, Nebr.	-	(1919-)j
Fanning Seep near Mitchell, Nebr.	-	(1920; 1924-42)j.
Mitchell Spillway from Tri-State Canal, Nebr.	-	(1920-38)j.
Wet Spotted Tail Creek above Tri-State Canal, Nebr.	-	(1919; 1921-22; 1925)j.
Wet Spotted Tail Creek below Tri-State Canal, Nebr.	-	(1920)j.
Wet Spotted Tail Creek below Enterprise Canal, Nebr.	-	(1921-23)j.
Wet Spotted Tail Creek and Kronberg Seep near Mitchell, Nebr.	-	(1919; 1924-42)j.
Kronberg Seep near Mitchell, Nebr.	-	(1920-23)j.
Tub Springs near Scottsbluff, Nebr.	-	(1920-)j
Winter Creek Canal near Scottsbluff, Nebr.	-	(1916; 1918-)j
Winter Creek Canal diversion from Winter Creek, Nebr.	-	(1919-)j
Central Canal near Gering, Nebr.	-	(1919-)j
Scottsbluff drain near Scottsbluff, Nebr.	-	(1920-45)j.
Winter Creek near Scottsbluff, Nebr.	-	1931- ; (1919-)j

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k In Water Resources of Nebraska, Nebraska State Planning Board.

<u>Platte River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
<u>Winter Creek Basin--Continued</u>		
Scottsbluff Factory Canal diversion from Winter Creek, Nebr.	-	(1938)J.
Minatare Canal near Minatare, Nebr.	-	(1919-)J
Gering drain near Gering, Nebr.	-	1930-45; (1923-45)J.
Steamboat Canal near Gering, Nebr.	-	(1925-28; 1931)J.
Castle Rock Canal near Gering, Nebr.	-	(1916; 1918-)J
Castle Rock Canal waste No. 1, Nebr.	-	(1930; 1938-41)J.
Scottsbluff drain No. 2 near Scottsbluff, Nebr.	-	(1932-44)J.
Nine Mile Canal near Minatare, Nebr.	-	(1919; 1921-)J
Nine Mile Canal diversion from Ninemile drain, Nebr.	-	(1934-35; 1940)J.
Melbeta drain near Minatare, Nebr.	-	(1928-)J
Fairfield Seep near Minatare, Nebr.	-	(1920-42)J.
Snell and Ninemile drains near Minatare, Nebr.	-	(1925-30)J.
Ninemile drain near Minatare, Nebr.	-	(1919-23)J.
Ninemile drain near McGrew (Minatare), Nebr.	-	1932- ; (1930-)J
Snell drain near Minatare, Nebr.	-	(1920-23)J.
Short Line Canal near Minatare, Nebr.	-	(1916; 1920-)J
Chimney Rock Canal near McGrew, Nebr.	-	(1917-)J
Cleveland drain near Bayard, Nebr.	-	(1930-)J
Alliance Canal near Bayard, Nebr.	-	(1919; 1921-23)J.
Alliance Canal diversion from Bayard Sugar Factory drain, Nebr.	-	(1924-26; 1928-)J
Alliance Canal diversion from Red Willow Creek, Nebr.	-	(1918-26; 1928-)J
Hoth Seep near Bayard, Nebr.	-	(1919)J.
Bayard drain No. 3 at C. B. & Q. Depot, at Bayard, Nebr.	-	(1919)J.
Bayard Sugar Factory drain above Alliance Canal, near Bayard, Nebr.	-	(1919-31)J.
Bayard Sugar Factory drain near Bayard, Nebr.	-	1931-
Belmont Canal near Yockey, Nebr.	-	(1916-)J
Empire Canal near Yockey, Nebr.	-	(1916; 1918-19; 1921-26; 1929; 1931-45)J.
Belmont Canal diversion from Cedar Creek, Nebr.	-	(1919; 1922-23; 1926-27; 1929-43; 1946-)J
Red Willow Creek near Bridgeport, Nebr.	83	1930-31; (1919-31)J.
Red Willow Creek near Bayard, Nebr.	-	1932- ; (1931-)J
Wild Horse drain near Yockey, Nebr.	-	(1920-31)J.
Schermerhorn Canal near Northport, Nebr.	-	(1919; 1922; 1931-34)J.
DeGraw drain near Bridgeport, Nebr.	-	(1930-42)J.
Camp Clark Seep near Yockey, Nebr.	-	(1920-38)J.
Indian Creek at (near) Northport, Nebr.	-	(1922-)J
Upper Dugout Creek at Northport, Nebr.	-	(1930-)J

J In reports of the Department of Roads and Irrigation, State of Nebraska.

<u>Platte River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
Brown's Creek Canal near Bridgeport, Nebr.	-	(1916-)j
Pumpkin (Pumpkinseed) Creek near Harrisburg, Nebr.	-	(1923; 1925-28)j. -
Pumpkin (Pumpkinseed) Creek above Greenwood Creek near Bridgeport, Nebr.	-	(1925-29)j.
Pumpkin (Pumpkinseed) Creek near Bridgeport, Nebr.	1,080	1930- ; (1922-)j; (1921-38**)k
Logan Canal diversion from Pumpkin Creek, Nebr.	-	(1931-32; 1936)j.
Mutual Canal diversion from Pumpkin Creek, Nebr.	-	(1932-42)j.
<u>Lawrence Fork Basin</u>		
King Canal diversion from Lawrence Fork Pumpkin Creek, Nebr.	-	(1922-23)j.
Bird Cage-Quinn Canal diversion from Pumpkin Creek, Nebr.	-	(1937-41)j.
Round House Rock Canal diversion from Pumpkin Creek, Nebr.	-	(1936-41)j.
Smith-Wheeler Canal diversion from Pumpkin Creek, Nebr.	-	(1936-41)j.
Court House Rock Canal diversion from Pumpkin Creek, Nebr.	-	(1917-27; 1930-)j
Last Chance Canal diversion from Pumpkin Creek, Nebr.	-	(1921-22; 1931-)j.
<u>Greenwood Creek Basin</u>		
Trinnier Canal diversion from Greenwood Creek, Nebr.	-	(1919-22)j.
Meglemre Canal diversion from Greenwood Creek, Nebr.	-	(1919-22; 1925-26)j.
Meredith-Ammer Canal diversion from Pumpkin Creek, Nebr.	-	(1931-)j
Silvermail drain near Bridgeport, Nebr.	-	(1925-)j
Plum Creek near Bridgeport, Nebr.	-	(1930-41)j.
Beerline Canal near Broadwater, Nebr.	-	(1919; 1921-22; 1924-)j
Lower Dugout Creek near Broadwater, Nebr.	-	(1937-39)j.
Cooper Canal diversion from Lower Dugout Creek, Nebr.	-	(1922; 1933)j.
Lamore Canal near Broadwater, Nebr.	-	(1920-22; 1924; 1938; 1941)j.
Cedar Creek near Broadwater, Nebr.	-	(1922-)j
Radcliffe Canal diversion from Cedar Creek, Nebr.	-	(1933)j.
North River Canal near Lisco, Nebr.	-	(1922-37; 1941)j.
Lisco Canal near Lisco, Nebr.	-	(1918-27; 1929-)j
Hannah Canal near Lisco, Nebr.	-	(1931-34)j.
Coldwater Creek near Lisco, Nebr.	-	(1922-42)j.
Coldwater Canal diversion from Coldwater Creek, Nebr.	-	(1925-28; 1934-36)j.
Rush Creek Canal near Lisco, Nebr.	-	(1922; 1924-25; 1930-35; 1936-37; 1939; 1940-41)j.
Rush Creek near Lisco, Nebr.	-	(1927)j.
Spohn Canal near Oshkosh, Nebr.	-	(1919-22; 1924-37; 1941-)j
Lyons Canal near Oshkosh, Nebr.	-	(1920-)j
Oshkosh Canal near Oshkosh, Nebr.	-	(1920-41; 1943-)j
Midland-Overland Canal near Oshkosh, Nebr.	-	(1924-)j

** Only monthly figures of discharge or contents.

j In reports of the Department of Roads and Irrigation, State of Nebraska.

k In Water Resources of Nebraska, Nebraska State Planning Board.

<u>Platte River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
Lost Creek near Oshkosh, Nebr.	-	(1930-41)J.
Signal Bluff Canal near Oshkosh, Nebr.	-	(1919; 1925-28; 1930-41)J.
Crescent (Beaver) Lake near Lisco, Nebr.	-	(1933-40*)J.
Crescent Lake Outflow into Blue Creek, Nebr.	-	(1931; 1934)J.
Blue Creek near Lewellen, Nebr.	267	1930- ; (1919-)J
Paisley Canal diversion from Blue Creek, Nebr.	-	(1917-19; 1921; 1923; 1925-27; 1931-)J
Blue Creek Canal diversion from Blue Creek, Nebr.	-	(1918-19; 1921-28; 1931-)J
Hooper Canal diversion from Blue Creek, Nebr.	-	(1919; 1921-23; 1925-27; 1931-)J
Union Canal diversion from Blue Creek, Nebr.	-	(1918-19; 1921-27; 1930-)J
Graf Canal diversion from Blue Creek, Nebr.	-	(1917-19; 1921-25; 1927; 1930-)J
Lewellen drain near Lewellen, Nebr.	-	(1930-37)J.
Alfalfa Canal near Lewellen, Nebr.	-	(1919; 1921-41)J.
Clear Creek near Lewellen, Nebr.	-	(1922-42)J.
Barber Canal diversion from Clear Creek, Nebr.	-	(1921-23; 1931-42)J.
Clear Creek Canal diversion from Clear Creek, Nebr.	-	(1931-42)J.
Scripter Canal diversion from Clear Creek, Nebr.	-	(1934; 1936-41)J.
Harper Canal diversion from Clear Creek, Nebr.	-	(1938-41)J.
Finch Canal diversion from Clear Creek, Nebr.	-	(1934; 1937-38)J.
Otter Creek near Lemoyne, Nebr.	-	1931; 1932-37; (1920; 1922-42)J.
Otter Creek Canal diversion from Otter Creek, Nebr.	-	(1921; 1925; 1931-41)J.
Sand Creek near Belmar, Nebr.	-	(1922-42)J.
Nissen Canal diversion from Sand Creek, Nebr.	-	(1932; 1937-39)J.
Patrick Canal diversion from Sand Creek, Nebr.	-	(1932-33; 1936-41)J.
Lonergan Creek near Lemoyne, Nebr.	-	(1924-42)J.
Haney (Lonergan) Canal diversion from Lonergan Creek, Nebr.	-	(1923; 1931-41)J.
Soehl Canal diversion from Lonergan Creek, Nebr.	-	(1935-41)J.
Sutherland Reservoir Supply Canal near Keystone, Nebr.	-	(1935-)J
Sutherland Reservoir (offstream North Platte River), Nebr.	-	(1935-)J
Sutherland Project power return, Nebr.	-	(1938-)J
White Tail Creek near Keystone, Nebr.	-	(1922-42)J.
Keystone Canal diversion from White Tail Creek, Nebr.	-	(1922-25; 1931-37; 1939-41)J.
Holloway-Phelps Canal diversion from White Tail Creek, Nebr.	-	(1931-34)J.
McCarthy Canal diversion from White Tail Creek, Nebr.	-	(1934-35; 1937-42)J.
Keith-Lincoln County Canal near Keystone, Nebr.	-	(1918-)J
Skunk Creek near Paxton, Nebr.	-	(1928-39)J.
Gravel Creek near Paxton, Nebr.	-	(1926-38)J.

* Gage heights only.

J In reports of the Department of Roads and Irrigation, State of Nebraska.

<u>Platte River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
Sheridan-Wilson Canal near Sarben, Nebr.	-	(1927; 1930-)j
Cedar Branch Creek near Paxton, Nebr.	-	(1928-38)j.
Sarben Slough near Sarben, Nebr.	-	(1931-42)j.
Willow Creek at Sarben, Nebr.	-	(1928-35)j.
Keith-Lincoln County drain near Sarben, Nebr.	-	(1930-42)j.
North Platte Canal near Sutherland, Nebr.	-	(1919-)j
North Platte Canal waste at Cooks Spillway, Nebr.	-	(1937-41; 1942**)j.
North Platte Canal waste near Sutherland, Nebr.	-	(1935-38)j.
North Platte Canal power waste near Sutherland, Nebr.	-	(1935-38)j.
Paxton-Hershey Canal near Sutherland, Nebr.	-	(1916; 1918-)j
Birdwood Creek near Sutherland, Nebr.	-	1913-15.
Birdwood Creek near Hershey, Nebr.	286	1931- ; (1920; 1922-)j; (1921-38**)k
Birdwood Canal diversion from Birdwood Creek, Nebr.	-	(1921-28; 1930-)j
Lincoln County drain No. 2 near Sutherland, Nebr.	-	(1930-42)j.
Suburban Canal near Sutherland, Nebr.	-	(1919; 1921-)j
Cody-Dillon Canal near North Platte, Nebr.	-	(1919; 1921-28; 1930-)j
Scout Creek near North Platte, Nebr.	-	(1933-38)j.
Lincoln County drain /No. 1/ at North Platte, Nebr.	-	1931-32; (1924-)j
South Fork South Platte River above Tumbling Creek, Colo.	017	(1917**)o.
South Fork South Platte River at Main Road, Colo.	-	(1917**)o.
South Fork South Platte (Little South Platte) River at Twin Bridges (near Fairplay), Colo.	087	1916; (1916-17**; 1933-38**)o.
South Fork South Platte River at intake of Antero Reservoir, Colo.	0120	(1916-17**)o.
South Fork South Platte River below Antero Reservoir, Colo.	0200	(1916**; 1933-38**)o.
South Fork South Platte River above Fourmile Creek, Colo.	0250	(1916**)o.
South Platte River at Buckley's, Colo.	0550	(1916**)o.
South Platte River at Spinney, Colo.	0770	(1916**)o.
South Platte River above Elevenmile Canyon Reservoir, near Hartsel, Colo.	861	1930- ; (1933-38**)o
South Platte River at Idlewild, Colo.	0920	(1916**)o.
Elevenmile Canyon Reservoir	-	1938- **
(South Fork) South Platte River near (at) Lake George, Colo.	929	1910*; 1911-15; 1929- ; (1911-)n; (1910-28**)a;
South Platte River above Lake Cheesman, Colo.	1,680	1933-43; (1924-43)n; (1908-38**)o.
Lake Cheesman Reservoir	-	1938- **
South Platte River below (at) Lake Cheesman, Colo.	1,766	1899-1900; 1901**; 1933- ; (1924-)n; (1899-1938**)o

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a In reports of Corps of Engineers, Department of the Army.

j In reports of the Department of Roads and Irrigation, State of Nebraska.

k In Water Resources of Nebraska, Nebraska State Planning Board.

n In reports of the State Engineer of Colorado.

o In Water Resources of Colorado, Colorado Water Conservation Board.

<u>Platte River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
South Platte River above North Fork, at South Platte, Colo.	2,160	1905-12; (1905-38***)o; (1905-12***)a.
South Platte River at South Platte (near Deansbury, Platte Canyon), Colo.	2,550	1887-90; 1891-92**; 1895-97; 1899-1900; 1902-; (1887-92)n; (1897-92**; 1898-1930***)a
South Platte River at Waterton, Colo.	2,620	1933-; (1926-)n; (1926-30***)a
South Platte River at Littleton, Colo.	3,090	1941-
South Platte River at Denver, Colo.	3,840	1889-90; 1895-1906; 1909-13; 1933-; (1895-1908**; 1909-)n; (1898-1930***)a
South Platte River at Henderson, Colo.	4,740	1933-; (1926-)n
South Platte River at Fort Lupton, Colo.	5,070	1933-; (1906**; 1929-)n
South Platte River at Platteville, Colo.	6,000	(1904-5***)o.
South Platte River near Kersey, Colo.	9,500	1901-3; 1905-12; 1913; 1933-; (1913-)n; (1905-30***)a
South Platte River at Sublette, Colo.	12,900	1933-41; 1943-; (1926-42)n
South Platte River at Orchard, Colo.	-	1895-1900; (1903-6***)n.
South Platte River at Fort Morgan, Colo.	14,800	1943-
South Platte River at Balzac (Union), Colo.	17,700	1933-; (1906-8**; 1917-)n; (1916-30***)a
South Platte River at Julesburg (Ovid), Colo.	22,800	1902-6; 1908-12; 1913**; 1914; 1930-; (1914-24; 1925-)n; (1923-26); (1901-38***)k
South Platte River at Big Springs, Nebr.	-	1902*; 1903.
South Platte River at Paxton (Ogallala), Nebr.	23,700	1931-33; 1939-; (1923; 1937-)j
South Platte River at North Platte, Nebr.	24,300	1897; 1914-16; 1931-; (1914-)j
Twelve Mile Creek at Redford's ranch, Colo.	612	(1917***)o.
Buffalo Springs Branch at 63 ranch, Colo.	63	(1917***)o.
Poney Creek at Hartsel, Colo.	612	(1917***)o.
Salt Creek near Hartsel, Colo.	632	(1917***)o.
Four Mile Creek at Nelson's ranch, Colo.	638	(1933-38***)o.
Four Mile Creek at mouth, Colo.	-	(1933-38***)o.
Middle Fork South Platte River at Alma, Colo.	23.7	1916.
Middle Fork South Platte River at Fairplay, Colo.	83	1910-12*; 1916; (1916-17)n; (1916-17***)a.
Middle Fork South Platte River below Fairplay, Colo.	6110	(1933-38***)o.
Middle Fork South Platte near Hartsel (at mouth), Colo.	6225	(1916**; 1933-38***)o.
Beaver Creek above Fairplay, Colo.	613	(1917***)o.
Tarryall Creek above (near) Como, Colo.	637	1911-12*; (1934-38***)o.
Tarryall Creek near Jefferson, Colo.	223	1910-11*; 1912-17.
Tarryall Creek below Rock Creek, Colo.	6242	(1934-38***)o.
Tarryall Creek near Lake George (Hayman), Colo.	460	1910-12; 1933-; (1925-)n; (1916***)o
Michigan Creek above (near) Jefferson, Colo.	619	1910-12*; (1934-38***)o.

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n In reports of the State Engineer of Colorado.

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<u>Platte River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
<u>South Platte River Basin--Continued</u>		
<u>Tarryall Creek Basin--Continued</u>		
<u>Michigan Creek Basin--Continued</u>		
Jefferson Creek above (at) Jefferson, Colo.	012	1910-12*; (1934-38**)°.
Rock Creek near Jefferson, Colo.	44	1916.
Goose (Lost Park) Creek above (near) Lake Cheesman, Colo.	86	1899*; 1933- ; (1924-) ⁿ . (1899**; 1908-38**)°
North Fork South Platte River at Grant, Colo.	51	1910-18.
North Fork South Platte River below Geneva Creek, at Grant (Cassells), Colo.	130	1908-13; 1942-
North Fork South Platte River at Pine, Colo.	374	1942-46.
North Fork South Platte River at South Platte, Colo.	484	1909-10; 1913- ; (1913-29**)° ^a
Geneva Creek above Jackwhacker Creek, near Grant, Colo.	-	1909-11*.
Geneva Creek at Old Geneva Smelter, near Grant, Colo.	-	1909-11*.
Geneva Creek at Grant (Sullivan's ranch), Colo.	74	1908-18.
Smelter Creek at Old Geneva Smelter, near Grant, Colo.	-	1909-11*.
Duck Lake Creek near Grant, Colo.	8	1909-11*.
Scott Gomer Creek at Sullivan's ranch, near Grant, Colo.	21	1909-10*; 1911-13.
Denver City Pipeline Conduit No. 8 near South Platte, Colo.	-	(1926-38**)°.
Northern Colorado Irrigation Company Canal near South Platte, Colo.	-	(1926-38**)°.
Platte Canon ditch near South Platte, Colo.	-	(1926-38**)°.
City (Platte Water Co.) ditch near Littleton, Colo.	-	(1926-38**)°.
Deer Creek near Littleton, Colo.	21.8	1942-46.
Plum Creek near Sedalia, Colo.	273	1942-
Nevada ditch near Littleton, Colo.	-	(1926-38**)°.
Brown ditch near Littleton, Colo.	-	(1926-38**)°.
Petersburg Company ditch near Littleton, Colo.	-	(1926-38**)°.
Bear Creek at (near) Morrison (at Idledale, Starbuck), Colo.	165	1888-90; 1891**; 1895-1901; 1902*; 1933- (1898-91; 1910-) ⁿ ; (1887-91**; 1905-1901**)° ^a
Bear Creek at mouth, at Sheridan, Colo.	265	1933- ; (1914; 1917-) ⁿ
Arnett and Robert Lewis ditches diversion from Bear and Turkey Creeks, Colo.	-	(1926-38**)°.
Ward ditch diversion from Bear Creek, Colo.	-	(1926-38**)°.
Hindry ditch diversion from Bear Creek, Colo.	-	(1926-38**)°.
Lewis and Strouse ditch diversion from Bear Creek, Colo.	-	(1926-38**)°.
Churn ditch diversion from Bear Creek, Colo.	-	(1926-38**)°.

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Platte River Basin--ContinuedDrainage Area
(square miles)Period of RecordSouth Platte River Basin--ContinuedBear Creek Basin--Continued

Strouse ditch diversion from Bear Creek, Colo.	-	(1926-33**)°.
Warrior ditch diversions from Bear and Turkey Creeks, Colo.	-	(1926-38**)°.
Turkey Creek near Morrison, Colo.	49.4	1942-
Independent Highline ditch diversion from Turkey Creek, Colo.	-	(1926-38**)°.
Bergen ditch diversion from Turkey Creek, Colo.	-	(1926-38**)°.
Spickerman ditch diversion from Turkey Creek, Colo.	-	(1926-38**)°.
Pioneer-Union Ditch diversion from Bear Creek, Colo.	-	(1926-38**)°.
Hodgson ditch diversion from Bear Creek, Colo.	-	(1926-38**)°.
Simonton ditch diversion from Bear Creek, Colo.	-	(1926-38**)°.
McBroom ditch diversion from Bear Creek, Colo.	-	(1926-38**)°.
Olson and Bell ditch diversion from Bear Creek, Colo.	-	(1926-38**)°.
Platte Valley ditch at Denver, Colo.	-	(1926-38**)°.
Farmers and Gardeners ditch at Denver, Colo.	-	(1926-38**)°.
Cherry Creek near Franktown, Colo.	172	1939-
Cherry Creek near Melvin, Colo.	369	1939-
Cherry Creek at Denver, Colo.	420	1942-
Riverside Cemetery Canal at Denver, Colo.	-	(1926-38**)°.
Burlington ditch at Denver, Colo.	-	(1926-38**)°.
Duggan ditch at Denver, Colo.	-	(1926-38**)°.
Denver-Hudson Canal at Denver, Colo.	-	(1926-38**)°.
O'Brian Canal at Denver, Colo.	-	(1926-38**)°.
Gardener's (Heller) ditch near Denver, Colo.	-	(1926-38**)°.
Clear Creek near Lawson, Colo.	144	1946-
Clear Creek at Idaho Springs, Colo.	239	1910*; 1911-12; (1910-12**)°.
Clear Creek at Forks Creek (above Golden), Colo.	345	1887-88; 1899-1912; (1897-1912**)a.
Clear Creek near Golden, Colo.	392	1908-9; 1911-29; 1933-; (1911-)n; (1911-38**)°.
Clear Creek at mouth, near Derby, Colo.	600	1933-; (1914; 1927-)n
West Fork Clear Creek above Empire, Colo.	39.9	1942-46.
West Fork Clear Creek near Empire, Colo.	57	1929-31.
Jones Pass tunnel diversion from Williams River to West Fork Clear Creek, Colo.	-	1940- **
Fall River near Idaho Springs, Colo.	23.6	1933-38; (1930-37)n.
Golden (Welch) ditch diversion from Clear Creek, Colo.	-	(1926-38**)°.

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<u>Platte River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
<u>South Platte River Basin--Continued</u>		
<u>Clear Creek Basin--Continued</u>		
Golden City and Ralston Creek (Church) ditch diversion from Clear Creek, Colo.	-	(1926-38**) o.
Agricultural ditch diversion from Clear Creek, Colo.	-	(1926-38**) o.
Golden (Farmer's Highline) Canal diversion from Clear Creek, Colo.	-	(1926-38**) o.
Wannemaker ditch diversion from Clear Creek, Colo.	-	(1926-38**) o.
Lee, Stewart, and Eskins ditch diversion from Clear Creek, Colo.	-	(1926-38**) o.
Rocky Mountain ditch diversion from Clear Creek, Colo.	-	(1926-38**) o.
Croke Canal diversion from Clear, Ralston, and Leyden Creeks, Colo.	-	(1930-32**; 1933-38**) o.
Miles and Eskins ditch diversion from Clear Creek, Colo.	-	(1926-38**) o.
Reno and Juchem ditch diversion from Clear Creek, Colo.	-	(1926-38**) o.
<u>Slough (North Branch Clear Creek) Basin</u>		
Diversions (19 small ditches) from the Slough (North Branch Clear Creek), Colo.	-	(1926-38**) o.
Lees and Baugh ditch diversion from Clear Creek, Colo.	-	(1926-38**) o.
Ouellette ditch diversion from Clear Creek, Colo.	-	(1926-38**) o.
Cort, Graves, and Hughes ditch diversion from Clear Creek, Colo.	-	(1926-38**) o.
<u>Ralston Creek Basin</u>		
Diversions (18 to 20 small ditches). from Ralston Creek, Colo.	-	(1926-38**) o.
Boyles ditch diversion from Clear Creek, Colo.	-	(1926-38**) o.
Kershaw ditch diversion from Clear Creek, Colo.	-	(1926-38**) o.
Fisher ditch diversion from Clear Creek, Colo.	-	(1926-38**) o.
Colorado Agricultural ditch diversion from Clear Creek, Colo.	-	(1926-38**) o.
Clear Creek and Platte River ditch diversion from Clear Creek, Colo.	-	(1926-38**) o.
Fulton ditch near Brighton, Colo.	-	(1926-38**) o.
Brantner ditch near Brighton, Colo.	-	(1926-38**) o.
Brighton ditch near Brighton, Colo.	-	(1926-38**) o.
Lupton Shortline ditch near Fort Lupton, Colo.	-	(1926-38**) o.
Lupton Bottom and Ellwood ditches near Fort Lupton, Colo.	-	(1926-38**) o.
Platteville Irrigating & Milling Co. ditch near Fort Lupton, Colo.	-	(1926-38**) o.
Side Hill and Meadow Island No. 1 ditches near Fort Lupton, Colo.	-	(1926-38**) o.
Evans No. 2 ditch near Fort Lupton, Colo.	-	(1926-38**) o.
Meadow Island No. 2 and Beeman ditches near Platteville, Colo.	-	(1926-38**) o.
Bucker's ditch near Platteville, Colo.	-	(1926-38**) o.
Farmers Independent ditch near Platteville, Colo.	-	(1926-38**) o.
Hewes-Cook and Western ditches near Platteville, Colo.	-	(1926-38**) o.
Jay Thomas ditch near Platteville, Colo.	-	(1926-38**) o.

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<u>Platte River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
<u>South Platte River Basin--Continued</u>		
North St. Vrain Creek near Allens Park, Colo.	33	1925-30.
North St. Vrain Creek near Billing's ranch, Colo.	0100	(1915-17**)o.
North St. Vrain Creek at Longmont Dam, near Lyons, Colo.	109	1933- ; (1925-)n; (1912-13**; 1914-17**; 1922-23)o
North St. Vrain Creek near Lyons, Colo.	0123	(1892**)o.
St. Vrain Creek at Lyons, Colo.	226	1887-90; 1891**; 1895-1903; 1904-13; 1933- ; (1887-91; 1907-)n; (1887-91**; 1895-1930**)a
St. Vrain Creek at mouth, near Platteville, Colo.	1,000	1933- ; (1904-6**; 1915; 1927-)n
South St. Vrain Creek near Ward, Colo.	15	1926-27; 1929-31.
South St. Vrain Creek near Lyons, Colo.	066	(1892**)o.
Middle St. Vrain Creek near Allens Park, Colo.	28	1926-30.
Supply ditch at Lyons, Colo.	-	1899*; 1902*; 1903.
Lefthand Creek near Boulder, Colo.	48.3	1929-31; 1947-
Lefthand Creek at mouth, at (near) Longmont, Colo.	74	1933-41; (1927-42)n.
Middle Boulder Creek above Cardinal Creek, Colo.	-	(1907**; 1911-16**)o.
Middle Boulder Creek at Nederland, Colo.	35.5	1934-40; 1945- ; (1928-40)n; (1908-10**; 1917-38**)o
Boulder Creek near (at) Orodell (North Boulder Creek above Boulder), Colo.	105	1887-88; 1907-13; 1933- ; (1907-14; 1916-)n; (1907-14**; 1916-30**)a
Boulder Creek near Boulder (North Boulder Creek above Boulder), Colo.	129	1888-99; 1891-92**; 1895-1901; 1907-8; (1888-92; 1904-8**)n.
Boulder Creek at mouth, near Longmont, Colo.	512	1933- ; (1927-)n
North Boulder Creek at Silver Lake, Colo.	8.7	1913-28; (1929**)a.
North Boulder Creek near Nederland, Colo.	25	1929-31.
Boulder ditch diversion from North Boulder Creek, Colo.	-	(1926-38**)o.
Fourmile Creek at Orodell (at mouth, near Orodell), Colo.	24.7	1947- ; (1887**)o.
Silver Lake ditch diversion from Boulder Creek, Colo.	-	(1926-38**)o.
Farmer's ditch diversion from Boulder Creek, Colo.	-	(1926-38**)o.
Anderson ditch diversion from Boulder Creek, Colo.	-	(1926-38**)o.
Boulder and White Rock ditch diversion from Boulder Creek, Colo.	-	(1926-38**)o.
McCarty ditch diversion from Boulder Creek, Colo.	-	(1926-38**)o.
Dry Creek ditch diversion from Boulder Creek, Colo.	-	(1926-38**)o.
Harden ditch diversion from Boulder Creek, Colo.	-	(1926-38**)o.
Wellman, Nichols, and Hahn ditch diversion from Boulder Creek, Colo.	-	(1930-38**)o.
Boulder and Lefthand ditch diversion from Boulder Creek, Colo.	-	(1926-38**)o.
North Boulder Farmer's ditch diversion from Boulder Creek, Colo.	-	(1926-38**)o.

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<u>Platte River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
<u>South Platte River Basin--Continued</u>		
<u>St. Vrain Creek Basin--Continued</u>		
<u>Boulder Creek Basin--Continued</u>		
Smith and Goss ditch diversion from Boulder Creek, Colo.	-	(1926-38**)°.
Wellman ditch diversion from Boulder Creek, Colo.	-	(1926-38**)°.
Butte Mill ditch diversion from Boulder Creek, Colo.	-	*(1926-38**)°.
South Boulder Creek near Rollinsville, Colo.	43.1	1910-18; 1945- ; (1910-18**)a;
South Boulder Creek near (at) Eldorado Springs (Marshall), Colo.	114	1888-90; 1891-92**; 1895-1901; 1909-13; 1933- ; (1888-92; 1909-)r (1895-1901**; 1904-30**)a
Moffat water tunnel diversion from Frazer River to South Boulder Creek, Colo.	-	1936- ** (Prior to May 1945, published only in Part 9.)
South Boulder and Coal Creek ditch diversion from South Boulder Creek, Colo.	-	(1926-38**)°.
Community ditch (Canal) diversion from South Boulder Creek (near Marshall), Colo.	-	1909; (1926-38**)°.
South Boulder and Foothills ditch diversion from South Boulder Creek, Colo.	-	(1926-38**)°.
Davidson ditch diversion from South Boulder Creek, Colo.	-	(1926-38**)°.
Goodhue and Rock Creek ditch diversion from South Boulder Creek, Colo.	-	(1926-38**)°.
South Boulder and Bear Creek ditch diversion from South Boulder Creek, Colo.	-	(1926-38**)°.
Dry Creek No. 2 ditch diversion from South Boulder Creek, Colo.	-	(1926-38**)°.
Marshallville ditch diversion from South Boulder Creek, Colo.	-	(1926-38**)°.
Scheerer ditch diversion from South Boulder Creek, Colo.	-	(1926-38**)°.
South Boulder Canon ditch diversion from South Boulder Creek, Colo.	-	(1926-38**)°.
McGinn ditch diversion from South Boulder Creek, Colo.	-	(1926-38**)°.
Central and South ditch diversion from South Boulder Creek, Colo.	-	(1926-38**)°.
Howard ditch diversion from South Boulder Creek, Colo.	-	(1926-38**)°.
East Boulder ditch diversion from South Boulder Creek, Colo.	-	(1926-38**)°.
Jones and Donnelly ditch diversion from South Boulder Creek, Colo.	-	(1926-38**)°.
Green ditch diversion from Boulder Creek, Colo.	-	(1926-38**)°.
Legget (Charity) ditch diversion from Boulder Creek, Colo.	-	(1926-38**)°.

** Only monthly figures of discharge or contents.

a In reports of Corps of Engineers, Department of the Army.

n In reports of the State Engineer of Colorado.

o In Water Resources of Colorado, Colorado Water Conservation Board.

<u>Platte River Basin--Continued</u>	<u>Drainage Area</u> <u>(square miles)</u>	<u>Period of Record</u>
<u>South Platte River Basin--Continued</u>		
<u>St. Vrain Creek Basin--Continued</u>		
<u>Boulder Creek Basin--Continued</u>		
<u>Dry Creek Basin--Continued</u>		
Enterprise ditch diversion from Dry Creek, Colo.	-	(1926-38**)°.
Cottonwood No. 2 ditch diversion from Dry Creek, Colo.	-	(1926-38**)°.
Dry Creek ditch diversion from Dry Creek, Colo.	-	(1926-38**)°.
Andrews and Farwell ditch diversion from Dry Creek, Colo.	-	(1926-38**)°.
Leyner and Cottonwood No. 1 ditches diverting from Dry Creek, Colo.	-	(1926-38**)°.
Lewis, Home, and Davidson ditch diversion from Dry Creek, Colo.	-	(1926-38**)°.
Lower Boulder ditch diversion from Boulder Creek, Colo.	-	(1926-38**)°.
Boulder and Weld County ditch diversion from Boulder Creek, Colo.	-	(1926-38**)°.
Howell ditch diversion from Boulder Creek, Colo.	-	(1926-38**)°.
Plumb ditch diversion from Boulder Creek, Colo.	-	(1926-38**)°.
<u>Coal Creek Basin</u>		
Last Chance ditch diversion from Coal Creek, Colo.	-	(1926-38**)°.
Zang ditch diversion from Coal Creek, Colo.	-	(1926-38**)°.
Church ditch diversion from Coal Creek, Colo.	-	(1926-38**)°.
Kinnear ditch diversion from Coal Creek, Colo.	-	(1926-38**)°.
McKenzie ditch diversion from Coal Creek, Colo.	-	(1926-38**)°.
Autrey and Eggleston ditch diversion from Coal Creek, Colo.	-	(1926-38**)°.
Eggleston No. 1 ditch diversion from Coal Creek, Colo.	-	(1926-38**)°.
Eggleston No. 2 ditch diversion from Coal Creek, Colo.	-	(1926-38**)°.
Minks and Autrey ditch diversion from Coal Creek, Colo.	-	(1926-38**)°.
Hake ditch diversion from Coal Creek, Colo.	-	(1926-38**)°.
Wallace ditch diversion from Coal Creek, Colo.	-	(1926-38**)°.
Kerr No. 1 and No. 2 ditch diversions from Coal Creek, Colo.	-	(1926-38**)°.
Willis ditch diversion from Coal Creek, Colo.	-	(1926-38**)°.
Harris ditch diversion from Coal Creek, Colo.	-	(1927-38**)°.
Erie-Coal Creek ditch diversion from Coal Creek, Colo.	-	(1926-38**)°.
Gooding, Daily, and Plumb ditch diversion from Boulder Creek, Colo.	-	(1926-38**)°.
Houck No. 2 ditch diversion from Boulder Creek, Colo.	-	(1926-38**)°.
Carr and Tyler ditch diversion from Boulder Creek, Colo.	-	(1926-38**)°.

** Only monthly figures of discharge or contents.

° In Water Resources of Colorado, Colorado Water Conservation Board.

<u>Platte River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
<u>South Platte River Basin--Continued</u>		
<u>St. Vrain Creek Basin--Continued</u>		
<u>Boulder Creek Basin--Continued</u>		
Smith and Tyler ditch diversion from Boulder Creek, Colo.	-	(1926-38**)°.
Delehant ditch diversion from Boulder Creek, Colo.	-	(1926-38**)°.
Highland (Goddard) ditch diversion from Boulder Creek, Colo.	-	(1926-38**)°.
Smith and Emmons ditch diversion from Boulder Creek, Colo.	-	(1926-38**)°.
Rural ditch diversion from Boulder Creek, Colo.	-	(1926-38**)°.
Big Bend ditch near Platteville, Colo.	-	(1926-38**)°.
Union ditch near Platteville, Colo.	-	(1926-38**)°.
Section No. 3 ditch near Lasalle, Colo.	-	(1926-38**)°.
Thompson River at Estes Park, Colo.	137	1947-
Thompson River near Estes Park, Colo.	158	1933- ; (1930-) ⁿ
Thompson River [Below powerhouse], near Drake, Colo.	277	1917-26; 1928-
Thompson River at mouth of canyon, near Drake, Colo.	302	1927-30; 1938- ; (1926-33) ⁿ
(Big) Thompson River (Creek) near Arkins, Colo.	305	1887-90; 1891-92**; 1895-1903; 1906-11; (1887-92) ⁿ ; (1895-1911**) ^a .
Thompson River at mouth, near La Salle, Colo.	818	1933- ; (1914; 1917-) ⁿ
Glacier Creek near Estes Park, Colo.	25.2	1947-
Fall River at Estes Park, Colo.	40.8	1947-
Fish Creek near Estes Park, Colo.	16.9	1947-
North Fork Thompson River at Drake, Colo.	85.1	1947-
Handy ditch near Arkins, Colo.	-	1899*; 1903.
Buckhorn Creek near Masonville, Colo.	140	1947-
<u>Dry Creek Basin</u>		
Cottonwood Creek near Pinewood, Colo.	15.1	1947-
Little Thompson River near Berthoud, Colo.	100	1929-30; 1947-
Lower Latham ditch near Evans, Colo.	-	(1926-38**)°.
Patterson ditch near Evans, Colo.	-	(1926-38**)°.
Highland (Plumb) ditch near Greeley, Colo.	-	(1926-38**)°.
Cache la Poudre River above Chambers Lake outlet, Colo.	91	1929-31.
Cache la Poudre River near Log Cabin (Elkhorn), Colo.	235	1909-11; 1929-31.
Cache la Poudre River below Elkhorn Creek, Colo.	372	1947-
Cache la Poudre River near Fort Collins, Colo.	495	1909-11.
Cache la Poudre River at mouth of canyon, near Fort Collins, Colo.	1,048	1884-1901; 1910-13; 1933- ; (1884-1903; 1910-) ⁿ (1881**)°; (1884-1930**)°

* Gage heights only.

** Only monthly figures of discharge or contents.

a. In reports of Corps of Engineers, Department of the Army.

n. In reports of the State Engineer of Colorado.

o. In Water Resources of Colorado, Colorado Water Conservation Board.

Platte River Basin--ContinuedDrainage Area
(square miles)Period of RecordSouth Platte River Basin--Continued

Cache la Poudre River near Greeley, Colo.	1,840	1903; 1933- ; (1903-4**) ^o ; (1914-19; 1924-) ⁿ
Colorado River diversion to Cache la Poudre River, Colo.	-	1942- ** (Published in Part 9.)
South Fork Cache la Poudre River near Eggers, Colo.	69	1929-31.
North Fork Cache la Poudre River at Livermore, Colo.	541	1929-31.
North Fork Cache la Poudre River near Livermore, Colo.	566	1947-
Lonetree Creek near Granite Canyon, Wyo.	23	1933-38.
Middle Fork Crow Creek near Hecla, Wyo.	23	1902-3; 1933-
Crow Creek at Silver Crown, Wyo.	-	(1909-10**) ^g .
Crow Creek near Cheyenne, Wyo.	310	1922-24.
South Fork Crow Creek near Hecla, Wyo.	16	1933-
North Fork Crow Creek near Hecla, Wyo.	27	1933-
Boxelder Creek near Hudson, Colo.	285	(1942-46) ⁿ .
Lodgepole Creek near Federal, Wyo.	25	1933-38.
Lodgepole Creek at Wyoming-Nebraska State line	-	(1925-31) ^j .
Lodgepole Creek near Bushnell, Nebr.	-	(1924-25; 1931) ^j ; (1923-24**) ^k .
Lodgepole Creek at Bushnell (above Oliver Reservoir), Nebr.	1,090	1931- ; (1925-) ^j
Oliver (Kimball) Reservoir	-	(1933-) ^j
Lodgepole Creek below Oliver (Kimball) Reservoir, Nebr.	-	(1924-31; 1932-35; 1936-45) ^j .
Lodgepole Creek near (north of) Kimball, Nebr.	-	(1925-31) ^j .
Lodgepole Creek above Bennett Reservoir, Nebr.	-	(1928-30) ^j .
Lodgepole Creek near Dix, Nebr.	-	(1927) ^j .
Lodgepole Creek at (near, south of) Sidney, Nebr.	2,190	1931-32; (1924-31) ^j .
Lodgepole Creek at (one mile west of) Lodgepole, Nebr.	-	(1924-31) ^j .
Lodgepole Creek at Chappell, Nebr.	-	(1926-31) ^j .
Lodgepole Creek at Ralton, Nebr. (Colorado- Nebraska State line, interstate station)	2,800	1931; (1925-31) ^j .
Lodgepole Creek at Ovid, Colo.	-	(1922; 1924-26) ^j ; (1923-24) ⁿ (1923-24**) ^o .
South Fork Lodgepole Creek near Federal, Wyo.	16	1933-38.
Bushnell Canal diversion from Lodgepole Creek, Nebr.	-	(1935) ^j .
New Ruttner Canal diversion from Lodgepole Creek, Nebr.	-	(1936-40) ^j .
Kimball (Oliver) Reservoir Canals diversion from Lodgepole Creek, Nebr.	-	(1925; 1927; 1933-) ^j
Kinney No. 1 (South, Ruttner-Kinney) Canal diversion from Lodgepole Creek, Nebr.	-	(1927; 1935-45) ^j .
Kinney Canal, North (No. 2) diversion from Lodgepole Creek, Nebr.	-	(1934-41; 1943-45) ^j .

** Only monthly figures of discharge or contents.

a In reports of Corps of Engineers, Department of the Army.

g In reports of the State Engineer of Wyoming.

j In reports of the Department of Roads and Irrigation, State of Nebraska.

k In Water Resources of Nebraska, Nebraska State Planning Board.

n In reports of the State Engineer of Colorado.

o In Water Resources of Colorado, Colorado Water Conservation Board.

<u>Platte River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
<u>South Platte River Basin--Continued</u>		
<u>Lodgepole Creek Basin--Continued</u>		
Hurley-Lilly-Polly Canal diversion from Lodgepole Creek, Nebr.	-	(1933-45) J.
Atkins-Polly Canal diversion from Lodgepole Creek, Nebr.	-	(1933-44; 1946-) J
Bickel Canal diversion from Lodgepole Creek, Nebr.	-	(1932-45) J.
Qwasco Canal diversion from Lodgepole Creek, Nebr.	-	(1925- 1927; 1933-45) J.
McIntosh Canal diversion from Lodgepole Creek, Nebr.	-	(1937-43; 1945-) J
Circle Arrow Canal diversion from Lodgepole Creek, Nebr.	-	(1937-44) J.
Trognitz Canal diversion from Lodgepole Creek, Nebr.	-	(1928) J.
Booth Canals, North and South, diverting from Lodgepole Creek, Nebr.	-	(1936-38; 1940) J.
Western Canal near Big Springs, Nebr.	-	(1918-) J
Hollingsworth Canal near Ogallala, Nebr.	-	(1930-41) J.
Paxton Canal near Paxton, Nebr.	-	(1931) J.
Tri-County Canal near North Platte, Nebr.	-	(1940-) J
Jeffrey power return from Tri-County System, Nebr.	-	(1940-) J
Johnson power return from Tri-County System, Nebr.	-	(1941-) J
White Horse Creek near North Platte, Nebr.	-	(1922-42) J.
Fremont Slough near North Platte, Nebr.	-	(1942-) J
Bull drain near North Platte, Nebr.	-	(1931-42) J.
Pawnee Creek near Brady, Nebr.	-	(1923-42) J.
Kent-Burke Canal diversion from Pawnee Creek, Nebr.	-	(1931-35; 1937; 1939-41) J.
Holcombe Canal diversion from Pawnee Creek, Nebr.	-	(1939-41) J.
Thirty Mile Canal near Brady, Nebr.	-	(1928-) J
Thirty Mile Canal waste at 6-Foot Weir, Nebr.	-	(1932; 1939-41) J.
Thirty Mile Canal waste at 8-Foot Weir, Nebr.	-	(1932; 1939-41) J.
Gothenburg Diversion Canal near Brady, Nebr.	-	(1919; 1921-) J
Gothenburg power return at Gothenburg, Nebr.	-	(1919; 1921-33; 1934-) J
Gothenburg Irrigation Canal at Gothenburg, Nebr.	-	(1916; 1918-19; 1921-30; 1933-43; 1945-)
Gothenburg Canal waste into Buffalo Creek, Nebr.	-	(1930; 1932; 1937-41) J.
Six Mile Canal near Brady, Nebr.	-	(1919; 1922-) J
Cozad Canal near Gothenburg, Nebr.	-	(1918-) J
Orchard-Alfalfa Canal near Cozad, Nebr.	-	(1919-) J
Dawson County Canal near Cozad, Nebr.	-	(1918-) J
Dawson County Canal diversion from Cozad Canal waste, Nebr.	-	(1929; 1931-32; 1935-42) J.
Dawson County Canal waste to Strever Creek, Nebr.	-	(1936; 1939-40) J.
Dawson County Canal waste to Buffalo Creek, Nebr.	-	(1929; 1932-34; 1936-38) J.

<u>Platte River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
<u>Dawson County Canal--Continued</u>		
Dawson County waste to French Creek, Nebr.	-	(1932-33; 1936-41)j.
Dawson County Canal waste to Elm Creek, Nebr.	-	(1932-34; 1936-41)j.
Dawson County drain No. 2 near Cozad, Nebr.	-	(1931-)j
Phelps County Canal near Lexington, Nebr.	-	(1938-40)j.
Dawson County drain No. 1 near Lexington, Nebr.	-	(1930-31)j.
Plum Creek near Smithfield, Nebr.	268	1946-
Elm Creek Canal near Overton, Nebr.	-	(1931-)j
Strever Creek near Overton, Nebr.	-	(1931-34; 1935-)j
Kearney Canal near Kearney, Nebr.	-	(1919; 1921-)j
Kearney Canal diversion from Buffalo Creek, Nebr.	-	(1935-42)j.
Kearney Canal diversion from Elm Creek, Nebr.	-	(1935-42)j.
Kearney Canal power waste near Kearney, Nebr.	-	(1937-)j
Buffalo Creek near Darr, Nebr.	62.8	1946-
Buffalo Creek near Elm Creek, Nebr.	-	(1925; 1927-28; 1931-)j
Elm Creek near Overton, Nebr.	31.3	1946-
Elm Creek near Elm Creek, Nebr.	-	(1931-34; 1935-)j
Wood River near Riverdale (Kearney), Nebr.	379	1946- ; (1927)j
Wood River near Chapman, Nebr.	-	(1926)j.
Middle Loup River near Mullen, Nebr.	-	1946- **
Middle Loup River at Dunning, Nebr.	1,760	1945-
Middle Loup River at Walworth (Sargent), Nebr.	4,340	1936-39; 1940-41; 1943- ; (1940-)j
Middle Loup River near Comstock, Nebr.	-	1936-37.
Middle Loup River at Arcadia, Nebr.	4,730	1937-
Middle Loup River at Loup City, Nebr.	-	1936-38.
Middle Loup River at Boelus, Nebr.	-	1936-38; (1941-42)j.
Middle Loup River at St. Paul, Nebr.	7,750	1895-97; 1899; 1903; 1928- ; (1894-1915**)k
Loup River near Genoa, Nebr.	14,440	1928-32; 1943- **
Loup River at (near) Columbus, Nebr.	15,230	1894*; 1895-1906; 1907-11*; 1912-15; 1931; 1933-36; 1936- ***; (1911-15)j; (1894-1915**; 1930-31**; 1932-36**)k
Dismal River at Dunning Damsite, Nebr.	1,360	1946- **
Dismal River at Dunning, Nebr.	1,480	1931-32; 1945-
Middle Loup Canal No. 1 diversion from Middle Loup River, Nebr.	-	(1938-43)j.
Middle Loup Canal No. 2 diversion from Middle Loup River, Nebr.	-	(1938-43)j.

* Gage heights only.

** Only monthly figures of discharge or contents.

*** Records for this period not equivalent owing to exclusion of diversion.

j In reports of the Department of Roads and Irrigation, State of Nebraska.

k In Water Resources of Nebraska, Nebraska State Planning Board.

<u>Platte River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
<u>Loup River Basin--Continued</u>		
Middle Loup Canal No. 4 diversion from Middle Loup River, Nebr.	-	(1938-43)j.
Middle Loup Canal No. 3 diversion from Middle Loup River, Nebr.	-	(1938-43)j.
Boelus Power Canal near Boelus, Nebr.	-	(1933-34; 1935-38; 1939-42)j.
South Loup River at Callaway, Nebr.	-	(1937-40)j.
South Loup River near Cumro, Nebr.	1,340	1946-
South Loup River at Ravenna, Nebr.	1,660	1940-
South Loup River at St. Michael, Nebr.	2,560	1943-
Mud Creek near Berwyn, Nebr.	-	(1927)j.
Mud Creek near Mason City, Nebr.	-	(1927)j.
Mud Creek south of Hazard, Nebr.	-	(1927)j.
Mud Creek near Sweetwater, Nebr.	678	1946-
North Loup River at Brewster, Nebr.	1,890	1945-
North Loup River at Taylor, Nebr.	2,210	1936-
North Loup River near Burwell, Nebr.	-	1936-38.
North Loup River near Ord, Nebr.	-	1936-38.
North Loup River at Scotia, Nebr.	4,100	1936-
North Loup River near St. Paul, Nebr.	4,460	1895-97; 1899; 1903; 1928- ; (1894-1915***)k
Newton Canal diversion from North Loup River, Nebr.	-	(1940-41)j.
Almeria Canal diversion from North Loup River, Nebr.	-	(1940-41)j.
Taylor-Ord Canal diversion from North Loup River, Nebr.	-	(1939-43)j.
Calamus River near Harrop, Nebr.	983	1931-32.
Calamus River near Burwell, Nebr.	1,210	1940-
Burwell-Sumpter Canal diversion from North Loup River, Nebr.	-	(1939-43)j.
Ord-North Loup Canal diversion from North Loup River, Nebr.	-	(1939-43)j.
Cedar River near Spalding, Nebr.	794	1945-
Cedar River near Fullerton, Nebr.	1,220	1931-32; 1940-
Loup River power canal near Genoa, Nebr.	-	1936-
Beaver Creek at Loretto, Nebr.	345	1944-
Beaver Creek at Genoa, Nebr.	627	1940-
Shell Creek near Columbus, Nebr.	-	1947-
Elkhorn River at O'Neill, Nebr.	651	1931-32.
Elkhorn River at Ewing, Nebr.	-	1947-
Elkhorn River at Neligh, Nebr.	2,200	1931- ; (1930-38***)k
Elkhorn River at Norfolk, Nebr. *	2,790	1896-1903; 1945-

** Only monthly figures of discharge or contents.

j In reports of the Department of Roads and Irrigation, State of Nebraska.

k In Water Resources of Nebraska, Nebraska State Planning Board.

<u>Platte River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
Elkhorn River at Arlington, Nebr.	5,980	1896-1903; 1913-15; (1899-1903**); 1913-15**)a.
Elkhorn River at Waterloo, Nebr.	6,900	1911-13; 1928-; (1911-15**; 1928-30**)a
South Fork Elkhorn River at Ewing, Nebr.	-	1947-
Logan Creek near Uehling, Nebr.	1,030	1941-
Salt Creek near Ashland, Nebr.	-	1947-
West Nishnabotna River at White Cloud, Iowa	920	1918-24.
Nishnabotna River above (near) Hamburg, Iowa	2,800	1922-23; 1928-; (1922-23**)a
East Nishnabotna River at Red Oak, Iowa	890	1918-25; 1936-; (1918-25**)a
Nemaha River at Falls City, Nebr.	1,340	1944-
Tarkio (East Tarkio Creek) River at Blanchard, Iowa	200	1934-40.
Tarkio River at Fairfax, Mo.	508	1928-
West Tarkio Creek near Westboro, Mo.	105	1934-40.
Nodaway River at Clarinda, Iowa	740	1918-25; 1936-
Nodaway River near Burlington Junction, Mo.	1,240	1922-; (1921-31**)a
West Nodaway River at Villisca, Iowa	360	1918-25; (1918-25**)a.
Bean Lake near Iatan, Mo.	-	(1924-25*)d.
Platte River at Conception Junction, Mo.	492	1921-23; 1924-25*; 1928-32.
Platte River at Rochester, Mo.	664	(1932-35*)d.
Platte River near (at) Agency, Mo.	1,760	1924-30; 1932-
One Hundred and Two River near Maryville, Mo.	500	1934-
One Hundred and Two River at Maryville, Mo.	515	1932-34.
Arikaree River (head of Kansas River) at Haigler, Nebr.	1,460	1922-; (1925-)j; (1923-38**)l.
(North Fork) Republican River (continuation of Arikaree River) at (near) Benkelman, Nebr.	p4,770	1894*; 1895; 1903-6; 1946-; (1924-29; 1930-31)j; (1894-95**; 1902-6**; 1923-30**)a
Republican River at (near) Max, Nebr.	p7,580	1928-47; (1928-30**)a.
Republican River at Trenton, Nebr.	p8,120	1946-
Republican River at (near) Culbertson, Nebr.	p8,210	1913-15*; 1931-; (1922; 1924-)j; (1921-29**)l.
Republican River at (near) McCook, Nebr.	-	1931-32; (1924-31)j.
Republican River near Cambridge, Nebr.	p14,300	1945-
Republican River near Arapahoe, Nebr.	-	(1924; 1926-27)j.
Republican River below Muddy Creek, near Arapahoe, Nebr.	-	(1925)j.
Republican River near Oxford, Nebr.	-	(1924)j.
Republican River near Bloomington, Nebr.	p29,800	1929-; (1928-38**)k

* Gage heights only.

** Only monthly figures of discharge or contents.

a In reports of Corps of Engineers, Department of the Army.

d In reports of the Missouri Geological Survey and Water Resources.

j In reports of the Department of Roads and Irrigation, State of Nebraska.

k In Water Resources of Nebraska, Nebraska State Planning Board.

p Includes 2,210 square miles (revised) closed basin in Colorado.

<u>Kansas River Basin--Continued</u>	<u>Drainage Area</u> <u>(square miles)</u>	<u>Period of Record</u>
Republican River at Guide Rock, Nebr.	-	(1931-35*) ^c .
Republican River near Hardy (near Superior, at Bostwick), Nebr.	22,400	1896-1914; 1915* ^a ; 1931- (1896-1915** ^a ; 1929-36** ^k)
Republican River at Scandia, Kans.	22,930	1919-25; 1928-44; (1919-28**) ^a
Republican River at Concordia, Kans.	23,540	1946- ; (1931-*) ^c
Republican River at Clyde, Kans.	-	(1918-29*) ^c .
Republican River at Clay Center (Wakefield), Kans.	24,570	1917- ; (1904-17*) ^c
Republican River at Junction (Junction City), Kans.	24,960	1895-1905; (1895-1905) ^q .
Kansas River at Ogden, Kans.	45,240	1917-
Kansas River near St. George, Kans.	-	1904*.
Kansas River at Wamego, Kans.	55,240	1919- ; (1914-*) ^c
Kansas River at Topeka, Kans.	56,710	1904* ^a ; 1917- (1917-30**) ^a ; (1904-*) ^c
Kansas River at Lecompton (near Lawrence), Kans.	58,420	1881-85* ^a ; 1886-90** ^a ; 1891-1905; 1906* ^a ; 1936-
Kansas River at Bonner Springs, Kans.	59,890	1917- ; (1917-31**) ^a
Kansas River at Kansas City, Kans.	-	(1901-19*) ^q
North Fork Republican River near Wray, Colo.	-	1937-46.
<u>North Fork</u> Republican (North Fork Arikaree) River at Colorado-Nebraska State line	p2,530	1931- ; (1915; 1926-) ^j
North Fork Republican River near Sanborn (Haigler), Nebr.	-	(1924-29) ^j ; (1923-30**) ^a .
Haigler Canal near Sanborn, Nebr.	-	(1927; 1941) ^j .
Buffalo Creek near Haigler, Nebr.	180	1940- ; (1922; 1924-31) ^j
Allen-Larned Canal diversion from Buffalo Creek, Nebr.	-	(1940-41) ^j .
Parks Canal near Parks, Nebr.	-	(1921; 1940-41) ^j .
Rock Creek at (near) Parks, Nebr.	180	1940- ; (1925-31; 1932-33) ^j
Phelan Canal diversion from Rock Creek, Nebr.	-	(1921) ^j .
Horse Creek near Parks, Nebr.	-	(1925; 1928-31) ^j .
Dundy County Canal near Parks, Nebr.	-	(1921) ^j .
South Fork Republican River near Hale, Colo.	1,760	1944-
South Fork Republican River at Colorado-Kansas State line	1,860	1945-
<u>South Fork</u> Republican River near (at) Benkelman, Nebr.	2,580	1894-95* ^a ; 1903-6; 1931-32; 1937- ; (1894-95** ^a ; 1902-6** ^a ; 1923-33** ^k); (1924-29; 1930-33) ^j
Delaware-Hickman Canal near Benkelman, Nebr.	-	(1928) ^j .
Indian Creek near Max, Nebr.	-	(1928-30) ^j .
Frenchman Creek (River) above Maranville Reservoir, Nebr.	-	(1926-31; 1932-33) ^j .
Frenchman Creek (River) below Maranville Reservoir, Nebr.	-	(1924-31; 1932-33) ^j .
Frenchman Creek (River) below Inman Diversion, Nebr.	-	(1923-25; 1927-31) ^j .

* Gage heights only.

** Only monthly figures of discharge or contents.

a In reports of Corps of Engineers, Department of the Army.

c In reports of United States Weather Bureau.

j In reports of the Department of Roads and Irrigation, State of Nebraska.

k In Water Resources of Nebraska, Nebraska State Planning Board.

p Includes 2,210 square miles (revised) closed basin in Colorado.

q In Reports of Kansas Water Commission and Kansas State Board of Agriculture.

<u>Kansas River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
Frenchman Creek (River) above Champion Diversion Lake, Nebr.	-	(1925; 1927-31)j.
Frenchman Creek (River) below Champion Reservoir (Kilpatrick's Diversion), Nebr.	-	(1925-30)j.
Frenchman Creek near (above) Champion, Nebr.	-	1932-40.
Frenchman Creek below (near) Champion, Nebr.	940	1935- ; (1924-29)j
Frenchman Creek near (south of) Imperial (near Harvey Dam site), Nebr.	1,220	1940- ; (1924-30)j
Frenchman Creek near Enders, Nebr.	1,300	1946-
Frenchman Creek near Wauneta, Nebr.	-	1895*; 1896; (1924-30)j.
Frenchman Creek near Hamlet, Nebr.	1,480	1929- ; (1928-30**)a
Frenchman Creek near Palisade, Nebr.	-	1894-96; (1925; 1927-30)j; (1894-96**)a.
Frenchman Creek at Culbertson, Nebr.	3,090	1913-15*; 1931- ; (1922-)j; (1921-38**)k (1921-25; 1927; 1937-41)j.
Maranville Canal diversion from Frenchman Creek, Nebr.	-	(1920-21; 1923-25; 1927; 1937-41)j.
Inman Canal diversion from Frenchman Creek, Nebr.	-	(1923; 1925; 1927-28; 1933; 1937-41)j.
Champion Canal diversion from Frenchman Creek, Nebr.	-	(1925-26)j.
Whiteman's Fork near Champion, Nebr.	-	(1937-39; 1940-41)j.
Aberdeen Canal diversion from Frenchman Creek, Nebr.	-	(1921; 1926-27; 1936-41)j.
Follst-Krotter Canal diversion from Frenchman Creek, Nebr.	-	(1939-40)j.
Krotter Power Canal diversion from Frenchman Creek, Nebr.	-	
Stinking Water Creek near Wauneta, Nebr.	1,260	1940-
Stinking Water Creek near Palisade, Nebr.	-	(1924-25; 1928-31; 1932-33)j.
Culbertson Canal diversion from Frenchman Creek and Stinking Water Creek, Nebr.	-	(1920-29; 1931-)j
Riverside Canal diversion from Frenchman Creek, Nebr.	-	(1920; 1923; 1925; 1927; 1937-41)j.
Farmers Canal diversion from Frenchman Creek, Nebr.	-	(1921-26; 1937-38; 1940-41)j.
Meeker Canal near Culbertson, Nebr.	-	(1920-42)j.
Blackwood Creek near Culbertson, Nebr.	290	1946-
Driftwood Creek near McCook, Nebr.	360	1946-
Red Willow Creek near McCook, Nebr.	*	1940-47.
Red Willow Creek near Red Willow, Nebr.	710	1939- ; (1925-31)j
Medicine Creek at (near) Cambridge, Nebr.	1,070	1936- ; (1925-31)j; (1922-31**)k
Arapahoe Mill waste at Arapahoe, Nebr.	-	(1925)j.
Muddy Creek near Arapahoe, Nebr.	-	(1924; 1926-31)j.
Sappa Creek near Oberlin, Kans.	1,050	1929-32; 1944- ; (1928-30**)a.
Sappa Creek near Beaver City, Nebr.	1,500	1937-
Sappa Creek near Stamford, Nebr.	3,840	1945-
Beaver Creek at Ludell, Kans.	1,460	1929-32; 1945- ; (1928-30**)a

* Gage heights only.

** Only monthly figures of discharge or contents.

a In reports of Corps of Engineers, Department of the Army.

j In reports of the Department of Roads and Irrigation, State of Nebraska.

k In Water Resources of Nebraska, Nebraska State Planning Board.

<u>Kansas River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
<u>Sappa Creek Basin--Continued</u>		
Beaver Creek at Cedar Bluffs, Kans.	-	1946-
Beaver Creek near Beaver City, Nebr.	2,060	1937-
Prairie Dog Creek at Norton, Kans.	-	1944-
Prairie Dog Creek near Woodruff, Kans.	1,050	1929-32; 1945- ; (1928-30**) a
White Rock Creek at Lovewell, Kans.	-	1946-
<u>Buffalo Creek Basin</u>		
West Buffalo Creek near Jewell, Kans.	15.2	1934-38.
West Buffalo Creek at Jewell, Kans.	16.8	1934-38.
Smoky Hill River at Elkader, Kans.	3,555	1939-
Smoky Hill River at Jerome, Kans.	3,900	1928-32.
Smoky Hill River near Ellis, Kans.	5,630	1941-
Smoky Hill River at Pfeifer, Kans.	6,070	1929-32.
Smoky Hill River near Russell, Kans.	6,965	1939-
Smoky Hill River at Ellsworth, Kans.	7,580	1895-1904; 1905*; 1918-25; 1928- ; (1927-30**) a
Smoky Hill River near Langley, Kans.	7,857	1940-
Smoky Hill River at Lindsborg, Kans.	8,110	1930- ; (1905-2*) c; (1929-30**) a
Smoky Hill River near Mentor, Kans.	8,210	1923-32.
Smoky Hill River at (near) Solomon (near Abilene), Kans.	18,700	1904*; 1918-21; 1922-34; (1904-21) c; (1904-21**) a (1904-34*) b
Smoky Hill River at Enterprise, Kans.	19,200	1934-
Rose Creek near Wallace, Kans.	-	1946-
North Fork Smoky Hill River near McAllaster, Kans.	-	1946-
Beaver (Ladder) Creek near Scott City, Kans.	-	1904-5*.
Hackberry Creek at Gove, Kans.	-	1946-
Big Creek near Hays, Kans.	-	1946-
Saline River near Russell, Kans.	-	1945-
Saline River near Wilson, Kans.	1,900	1929-
Saline River near Beverly, Kans.	2,730	1895-97.
Saline River at Tescott, Kans.	2,820	1919-
Saline River near Salina, Kans.	3,311	1897-1903.
Paradise Creek near Paradise, Kans.	-	1946-
Welf Creek near Sylvan Grove, Kans.	-	1946-
South Fork Solomon River at Webster, Kans.	-	1945-
South Fork Solomon River at Alton, Kans.	1,720	1919-25; 1928-32; 1942- ; (1919-25**) a
South Fork Solomon River at Osborne, Kans.	-	1946-

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a In reports of Corps of Engineers, Department of the Army.

c In reports of United States Weather Bureau.

d In reports of Kansas Water Commission and Kansas State Board of Agriculture.

<u>Kansas River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
<u>Smoky Hill River Basin--Continued</u>		
Solomon River at Beloit, Kans.	5,430	1895-97; 1929- ; (1895-97**)a; (1905- *)c
Solomon River at Niles (near Bennington), Kans.	6,770	1897-1903; 1917-
North Fork Solomon River at Kirwin, Kans.	1,290	1919-25; 1928-32; 1941- ; (1919-25**)a
North Fork Solomon River near Downs, Kans.	7	1945-
East Limestone Creek near Ionia, Kans.	27.3	1934-38.
East Limestone Creek at Ionia, Kans.	51.6	1934-35.
Elm Creek near Ionia, Kans.	22.7	1934-38.
Big Blue River near Crete, Nebr.	2,680	1945-
Big Blue River at Beatrice, Nebr.	3,363	1910-15; (1905- *)c.
Big Blue River at Barnston, Nebr.	4,680	1932-
Big Blue River at Hull, Kans.	-	1919-25; 1928-40; (1919-25**)a.
Big Blue River at Blue Rapids, Kans.	-	(1905-29*; 1931- *)c
Big Blue River at Randolph, Kans.	9,100	1918- ; (1917-30**)a
Big Blue River near Manhattan, Kans.	9,490	1895-1905; (1895-1905**)a; (1888-93*; 1904-14*)c.
Little Blue River at Blue Bluff, Nebr.	-	1912*.
Little Blue River near Endicott (Fairbury), Nebr.	2,340	1908-15; 1929- ; (1908-15**)a; 1928-30**)a
Little Blue River at Waterville, Kans.	3,440	1922-25; 1928- ; (1921-25**)a
(Red) Vermillion Creek near Wamego, Kans.	228	1936-46.
Soldier Creek near (at) Topeka, Kans.	268	1929-
Delaware River at Valley Falls, Kans.	922	1922-
Wakarusa River near Lawrence, Kans.	458	1929-
Stranger Creek near Tonganoxie, Kans.	406	1929-
Blue River near Kansas City, Mo.	188	1939-
Grand River near Darlington, Mo.	41,150	(1929-31*)d.
Grand River near Pattonsburg, Mo.	-	(1910-14*)c.
Grand River near Gallatin, Mo.	2,250	1921-
Grand River near Chillicothe, Mo.	-	(1915- *)c.
Grand River near Sumner, Mo.	6,880	1924-
Grand River at Brunswick, Mo.	-	(1910-14*; 1918- *)c
East Fork Big Creek near Bethany, Mo.	95	1934-
Thompson (Grand) River at Davis City, Iowa	702	1918-25; 1941-
Thompson River at Trenton, Mo.	1,670	1928- ; (1910-14*; 1925- *)c
Thompson River near Hickory, Mo.	1,700	1921-23.
Thompson River at Gee Bridge near Hickory, Mo.	-	(1924*)d.

* Gage heights only.

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a In reports of Corps of Engineers, Department of the Army.

c In reports of United States Weather Bureau.

d In reports of the Missouri Geological Survey and Water Resources.

r Published as Kansas River near (at) Manhattan from 1904-12 by U. S. Weather Bureau.

<u>Grand River Basin--Continued</u>	<u>Drainage Area (square miles)</u>	<u>Period of Record</u>
<u>Thompson River Basin--Continued</u>		
Weldon River near Mercer, Mo.	246	1939-
Weldon River at Mill Grove, Mo.	494	1929-
Medicine Creek near Galt, Mo.	225	1921-
Medicine Creek near Sturges, Mo.	368	1929-33.
Locust Creek near Milan, Mo.	225	1921-33.
Locust Creek near Linneus, Mo.	550	1929-
Yellow Creek near Rothville, Mo.	442	1929-32.
Chariton River near Centerville, Iowa	727	1938-
Chariton River at Novinger, Mo.	1,370	1931-
Chariton River at Elmer, Mo.	1,660	1921-30.
Chariton River near Keytesville, Mo.	1,950	1929-
Lamine River at Clifton City, Mo.	598	1922-
Blackwater River at Blue Lick, Mo.	1,120	1922-33; 1938-
Osage (Marias des Cygnes) River at Melvern, Kans.	363	1939-
Osage (Marias des Cygnes) River near Quenemo, Kans.	1,030	1922-38.
Osage (Marias des Cygnes) River near (at) Ottawa, Kans.	1,260	1902-5; 1918- ; (1911-14)†
Osage (Marias des Cygnes) River at Trading Post, Kans.	2,910	1921-23; 1928-
Osage River at Osceola, Mo.	8,220	1921-28; 1930- ; (1910-33*) ^c
Osage River at Warsaw, Mo.	11,500	1925-31; (1917- *) ^c
Lake of the Ozarks near Bagnell (Osage River at Lakeside), Mo.	14,000	1938-40*; 1939- **; (1931-39*; 1931-39**)d; (1932- *) ^c
Osage River near Bagnell, Mo.	14,000	1925- ; (1880-1939*)d
Osage River at Tuscombia, Mo.	-	(1917-31*) ^c .
Osage River near St. Thomas, Mo.	14,500	1931-
Salt Creek near Lyndon, Kans.	111	1939-
Hundred and Ten Mile (Dragoon) Creek near Quenemo, Kans.	321	1939-
Pottawatomie Creek near Garnett, Kans.	334	1939-
Pottawatomie Creek at Lane, Kans.	513	1929-32.
Big Bull Creek at Paola, Kans.	223	1929-32.
Big Sugar Creek at Farlinville, Kans.	192	1929-32.
Little Osage River at Stotesbury, Mo.	427	1929-32.
Marmaton River near Fort Scott, Kans.	411	1921-25; 1929-
Sac River near Stockton, Mo.	1,160	1921-
Sac River near Collins, Mo.	1,900	1923-25.
Little Sac River near Springfield, Mo.	40	1927-31.

* Gage heights only.

** Only monthly figures of discharge or contents.

c In reports of United States Weather Bureau.

d In reports of the Missouri Geological Survey and Water Resources.

q In Reports of Kansas Water Commission and Kansas State Board of Agriculture.

<u>Osage River Basin--Continued</u>	<u>Drainage Area</u> <u>(square miles)</u>	<u>Period of Record</u>
<u>Sac River Basin--Continued</u>		
Cedar Creek near Pleasant View, Mo.	411	1923-26.
Pomme de Terre River at Hermitage, Mo.	655	1921-
South Grand River near Brownington, Mo.	1,660	1921-
Niangua River near Decaturville, Mo.	627	1930-
Niangua River near Roach, Mo.	698	1922-30.
Bennett Spring at Bennett Springs (Brice), Mo.	-	1928-39; (1916-20) ^d .
Hahatonka Spring at Hahatonka, Mo.	-	1922-26.
Gasconade River near Hazelgreen, Mo.	1,250	1929- ; (1928-30 ^{**}) ^a
Gasconade River near Waynesville, Mo.	1,680	1921- ; (1914-39) ^d
Gasconade River at Jerome (Arlington), Mo.	2,840	1903-6; 1923- ; (1903-6 ^{**} ; 1915-30 ^{**}) ^a ; (1885-1900 [*] ; 1905-19 [*]) ^c
Gasconade River near Rich Fountain, Mo.	3,180	1921- ; (1915-31 ^{**}) ^a
Big Piney River (Piney Creek) near Houston, Mo.	-	1908-9 [*] .
Big Piney River (Piney Creek) near Big Piney, Mo.	560	1921-
Big Piney River (Piney Creek) near Hooker, Mo.	-	1903.
Little Piney Creek at Newburg, Mo.	200	1928-
Little Piney Creek near Arlington, Mo.	-	1903.

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Arickaree River, Nebr.,	49	Bighorn Canal, Mont.,	18
Arnett and Robert Lewis ditches, Colo.,	38	Bighorn Canal, Wyo.,	17
Arnold drain, Wyo.,	31	Bighorn River, Mont.-Wyo.,	15
Ash Creek, Nebr.,	24	Birch Creek, Mont. (tributary to Big Hole River)	5
Atkins-Polly Canal, Nebr.,	46	Birch Creek, Mont. (tributary to Marias River)	8
Autrey and Eggleston ditch, Colo.,	43	Birch Creek Reservoir, Mont.,	8
Bad River, S. Dak.,	24	Bird Cage-Quinn Canal, Nebr.,	34
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Badwater Creek, Wyo.,	16	Blackleaf Creek, Mont.,	9
Baker ditch, Wyo.,	16	Blacktail Creek, Mont.,	5
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ALPHABETICAL LIST OF STREAMS AND RESERVOIRS

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