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WATER-SUPPLY PAPER 280

GAGING STATIONS
MAINTAINED BY THE
UNITED STATES GEOLOGICAL SURVEY
1888-1910
AND
SURVEY PUBLICATIONS RELATING TO
WATER RESOURCES

COMPILED BY
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GAGING STATIONS MAINTAINED BY THE UNITED STATES GEOLOGICAL SURVEY FROM 1888 TO 1910 AND SURVEY PUBLICATIONS RELATING TO WATER RESOURCES.

Compiled by B. D. Wood.

INTRODUCTION.

A systematic study of the water resources of the United States was begun by the hydrographic branch (now the water-resources branch) of the United States Geological Survey in 1888. The work has consisted largely of measurements of the volume of flow of streams and studies of the conditions affecting that flow, but it has comprised also investigations of such closely allied subjects as irrigation, water storage, water powers, underground waters, and quality of water. The data collected have been published by the Survey in its annual reports, bulletins, professional papers, and water-supply papers, as listed on pages 60 to 74.

SURFACE-WATER SUPPLY PAPERS.

Owing to natural processes of evolution and to changes in governmental requirements, the character of the stream-gaging work of the Survey and the territory covered by the papers on surface-water supply have varied greatly. For the purpose of uniformity in the presentation of reports a general plan has been agreed upon by the United States Weather Bureau, the United States Forest Service, and the United States Geological Survey, according to which the country has been divided into 12 parts, whose boundaries coincide with the natural drainage lines. These divisions are given below.

I. *North Atlantic coast.*—Includes streams flowing into the Atlantic Ocean from St. John River in Maine to Rappahannock River, Va., inclusive. Principal streams in this division: St. Croix, Machias, Union, Penobscot, Kennebec, Androscoggin, Saco, Merrimac, Mystic, Blackstone, Connecticut, Hudson, Delaware, Susquehanna, Potomac, and Rappahannock. The streams drain wholly or in part the States of Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New Hampshire, New York, Pennsylvania, Rhode Island, Vermont, Virginia, and West Virginia.

II. *South Atlantic coast and eastern Gulf of Mexico.*—Includes streams flowing into the Atlantic Ocean and Gulf of Mexico from James River, Va., to Pearl River, Miss., inclusive. Principal streams in this division: James, Roanoke, Cape Fear, Yadkin, Santee, Savannah, Altamaha, Apalachicola, Choctawhatchee, Mobile, and Pearl. The streams drain wholly or in part the following States: Alabama, Florida, Georgia, Mississippi, North Carolina, South Carolina, and Virginia.

III. *Ohio River basin*.—Includes Ohio River with all its tributaries. Principal streams: Allegheny, Monongahela, Beaver, Muskingum, New (or Kanawha), Scioto, Miami, Kentucky, Wabash, Cumberland, and Tennessee. The streams drain wholly or in part the following States: Alabama, Georgia, Illinois, Indiana, Kentucky, Mississippi, New York, North Carolina, Ohio, Pennsylvania, Tennessee, Virginia, and West Virginia.

IV. *St. Lawrence River basin*.—Includes streams which drain into the Great Lakes and St. Lawrence River. Principal minor basins: Lake Superior, Lake Michigan, Lake Huron, Lake Erie, Lake Ontario, and St. Lawrence River. Principal streams flowing into Lake Superior: St. Louis, Ontonagon, Dead, and ~~Carp rivers~~. Streams flowing into Lake Michigan are Escanaba, Menominee, Iron, Peshtigo, Oconto, Fox, St. Joseph, and Grand rivers. Streams flowing into Lake Huron are Thunder Bay, Au Sable, Rifle, and Flint rivers. Streams flowing into Lake Erie are Huron, St. Marys, Maumee, Sandusky, Black, and Cuyahoga. Streams flowing into Lake Ontario are Genesee, Oswego, Salmon, and Black rivers. Streams flowing into the St. Lawrence are Oswegatchie, Raquette, Richelieu (the outlet of Lake Champlain), and St. Francis River, whose principal tributary, Clyde River, reaches it through Lake Memphremagog. The streams of this section drain wholly or in part the following States: Illinois, Indiana, Michigan, Minnesota, New York, Ohio, Pennsylvania, Vermont, and Wisconsin.

V. *Hudson Bay and Upper Mississippi River basins*.—Include all streams which drain into Hudson Bay and the Mississippi above its junction with the Ohio (except the Missouri). The principal streams flowing into Hudson Bay from the United States are St. Mary River, Red River, and Rainy River. The principal tributaries of the upper Mississippi are Crow Wing, Sauk, Crow, Rum, Minnesota, St. Croix, Chippewa, Zumbro, Black, Root, Wisconsin, Wapsipinicon, Rock, Iowa, Des Moines, Illinois, Fox, and Kaskaskia rivers. The streams drain wholly or in part the following States: Illinois, Indiana, Iowa, Minnesota, Missouri, North Dakota, South Dakota, and Wisconsin.

VI.—*Missouri River basin*.—Includes the Missouri with all its tributaries. The principal streams in this basin are Red Rock, Beaverhead, and Jefferson rivers, which may be considered a continuous river forming the head of the Missouri; below the mouth of the Jefferson the principal tributaries are Madison, Gallatin, Prickly Pear, Little Prickly Pear, Dearborn, Sun, Marias, Judith, Musselshell, Milk, Yellowstone, Little Muddy, Little Missouri, Cheyenne, Niobrara, and Platte (including North Platte and South Platte rivers), Kansas, Osage, and Gasconade rivers. These streams drain wholly or in part the following States: Colorado, Iowa, Kansas, Minnesota, Missouri, Montana, Nebraska, North Dakota, South Dakota, and Wyoming.

VII. *Lower Mississippi River basin*.—Includes all streams flowing into the Mississippi below the mouth of the Ohio. The principal streams in this division are Meramec, White, Arkansas (whose chief tributaries are Huerfano, Purgatory, Cimarron, Verdigris, Neosho, Canadian, and Mora rivers), Yazoo, Homochitto, and Red rivers. The streams drain wholly or in part the following States: Arkansas, Colorado, Kansas, Kentucky, Louisiana, Mississippi, Missouri, New Mexico, Oklahoma, Tennessee, and Texas.

VIII. *Western Gulf of Mexico drainage basins*.—Include all streams draining into the western Gulf of Mexico and into the Rio Grande. Principal streams flowing into the Gulf of Mexico above the mouth of the Rio Grande: Sabine, Trinity, Brazos, Colorado River of Texas, and Guadalupe. Principal tributaries of the Rio Grande are Rio Hondo, Rio Puerco, Pecos, and Rio San Juan. The streams drain wholly or in part the following States: Colorado, Louisiana, Mexico, New Mexico, and Texas.

IX. *Colorado River basin*.—Includes the Colorado and its tributaries, of which the most important are Green River (considered the continuation of the Colorado), Grand River, Dolores, San Juan, Little Colorado, Virgin, and Gila rivers. The principal

streams flowing into the Green are Newfork, Yampa, Ashley Creek, White River, Duchesne, Lake Fork, and Uinta. The principal tributaries of Grand River are Grand Lake, Frazer River, Williams Fork, Blue River, and Gunnison River. The streams of the Colorado basin drain wholly or in part the following States: Arizona, California, Colorado, Nevada, New Mexico, Utah, and Wyoming.

X. *Great Basin*.—Includes streams which do not discharge into the ocean. The basin is made up of a number of minor basins, of which the most important are Great Salt Lake, Sevier Lake, Humboldt Sink, and Truckee, Walker, Carson, and Owens River, and Honey, Mono, Malheur, Harney, Warner, Abert, Summer, Silver, and Goose Lake basins. The streams of this section drain wholly or in part the following States: California, Idaho, Nevada, Oregon, and Utah.

XI. *California*.—Includes rivers draining into the Pacific Ocean from California. Principal streams: Tia Juana, Sweetwater, San Diego, Bernardo, San Luis Rey, and Los Angeles rivers; San Joaquin River, whose principal tributaries are Kern, Kings, Merced, Tuolumne, and Stanislaus rivers; Sacramento River, whose principal tributaries are Pit, Feather, and American; and the following streams flowing into the Pacific Ocean above San Francisco Bay: Russian, Eel, Mad, and Klamath rivers. With the exception of the Klamath River, which receives a drainage from a small area in Oregon, all the streams in this division are entirely in California.

XII. *North Pacific coast*.—Includes streams flowing into the Pacific Ocean from Oregon and Washington. Most important of these are Rogue, Umpqua, and Columbia rivers and streams flowing into Puget Sound. The principal tributaries of the Columbia are Clark Fork, Kootenai, Spokane, Wenatchee, Yakima, Snake, Bruneau, Boise, Walla Walla, Umatilla, John Day, Deschute, Hood, and Willamette rivers. The following streams flow into Puget Sound: Nisqually, Puyallup, White, Snoqualmie, and Skagit. The streams of this division drain wholly or in part the following States: Idaho, Montana, Nevada, Oregon, Utah, Washington, and Wyoming.

In these basins stream-flow records have been obtained at more than 1,550 points, listed in the following pages (11–59), and the data obtained have been published in the reports tabulated on page 8.

Stream-flow data in reports of the United States Geological Survey.

[A=Annual Report; B=Bulletin; WS=Water-Supply Paper.]

Report.	Character of data.	Year.
10th A, pt. 2.....	Descriptive information only.....	1884 to Sept., 1890.
11th A, pt. 2.....	Monthly discharge.....	1884 to June 30, 1891.
12th A, pt. 2.....	do.....	1884 to Dec. 31, 1892.
13th A, pt. 3.....	Mean discharge in second-feet.....	1888 to Dec. 31, 1893.
14th A, pt. 2.....	Monthly discharge (long-time records, 1871 to 1893).....	1893 and 1894.
B 131.....	Descriptions, measurements, gage heights, and ratings.....	1895.
16th A, pt. 2.....	Descriptive information only.....	1896.
B 140.....	Descriptions, measurements, gage heights, ratings, and monthly discharge (also many data covering earlier years).....	1895 and 1896.
WS 11.....	Gage heights (also gage heights for earlier years).....	1897.
18th A, pt. 4.....	Descriptions, measurements, ratings, and monthly discharge (also similar data for some earlier years).....	1897.
WS 15.....	Descriptions, measurements, and gage heights, eastern United States, eastern Mississippi River, and Missouri River above junction with Kansas.....	1897.
WS 16.....	Descriptions, measurements, and gage heights, western Mississippi River below junction of Missouri and Platte, and western United States.....	1897.
19th A, pt. 4.....	Descriptions, measurements, ratings, and monthly discharge (also some long-time records).....	1898.
WS 27.....	Measurements, ratings, and gage heights, eastern United States, eastern Mississippi River, and Missouri River.....	1898.
WS 28.....	Measurements, ratings, and gage heights, Arkansas River and western United States.....	1898.
20th A, pt. 4.....	Monthly discharge (also for many earlier years).....	1898.
WS 35 to 39.....	Descriptions, measurements, gage heights, and ratings.....	1899.
21st A, pt. 4.....	Monthly discharge.....	1899.
WS 47 to 52.....	Descriptions, measurements, gage heights, and ratings.....	1900.
22d A, pt. 4.....	Monthly discharge.....	1901.
WS 65, 66.....	Descriptions, measurements, gage heights, and ratings.....	1901.
WS 75.....	Monthly discharge.....	1901.
WS 82 to 85.....	Complete data.....	1902.
WS 97 to 100.....	do.....	1903.
WS 124 to 135.....	do.....	1904.
WS 165 to 178.....	do.....	1905.
WS 201 to 214.....	Complete data, except descriptions.....	1906.
WS 241 to 252.....	Complete data.....	1907-8.
WS 261 to 272.....	do.....	1909.
WS 281 to 292.....	do.....	1910.

NOTE.—No data regarding stream flow are given in the 15th and 17th annual reports.

The records at most of the stations discussed in these reports extend over a series of years. An index of the reports containing records obtained prior to 1904 has been published in Water-Supply Paper 119.

The table which follows gives, by years and drainage basins, the numbers of the papers on surface-water supply published from 1899 to 1910. The data for any particular station will be found in the reports covering the years during which the station was maintained. For example, data for Machias River at Whitneyville, Me., 1903 to 1910, are published in Water-Supply Papers 97, 124, 165, 201, 241, 261, and 281, which contain records for the New England streams from 1903 to 1910.

Numbers of water-supply papers containing results of stream measurements, 1899-1910.

	1899 ^a	1900 ^b	1901	1902	1903	1904	1905	1906	1907-8	1909	1910
North Atlantic coast (St. John River to York River).....	35	47, c-48	65, 75	82	97	d 124, e 125, f 126	d 165, e 166, f 167	d 201, e 202, f 203	241	261	281
South Atlantic coast and eastern Gulf of Mexico (James River to the Mississippi).....	g 35, 36	48	65, 75	g 82, 83	g 97, 98	f 126, 127	f 167, 168	f 203, 204	242	262	282
Ohio River basin.....	36	48, h 49	65, 75	83	98	128	169	205	243	263	283
St. Lawrence River and Great Lakes.....	36	49	65, 75	f 82, 83	97	129	170	206	244	264	284
Hudson Bay and upper Mississippi River.....	36	49	f 65, 66, 75	f 83, 85	f 98, 99, 100	f 128, 130	171	207	245	265	285
Missouri River.....	k 36, 37	49, l 50	66, 75	84.	99	130, m 131	172	208	246	266	286
Lower Mississippi River.....	37	50	f 65, 66, 75	f 83, 84	f 98, 99	f 128, 131	f 169, 173	f 205, 209	247	267	287
Western Gulf of Mexico.....	37	50	66, 75	84	99	132	174	210	248	268	288
Colorado River.....	n 37, 38	50	66, 75	85	100	133	175, o 177	211	249	269	289
Great Basin.....	38, p 39	51	66, 75	85	100	133, q 134	176, q 177	212, q 213	250, q 251	270, q 271	290, q 291
California.....	38, r 39	51	66, 75	85	100	134	177	213	251	271	291
North Pacific coast.....	38	51	66, 75	85	100	135	s 177, 178	214	252	272	292

^a Rating tables and index to Water-Supply Papers 35-39 contained in Water-Supply Paper 39.

^b Rating tables and index to Water-Supply Papers 47-52 and data on precipitation, wells, and irrigation in California and Utah contained in Water-Supply Paper 52.

^c Wissahickon and Schuylkill rivers to James River.

^d New England rivers only.

^e Hudson River to Delaware River, inclusive.

^f Susquehanna River to Yackin River, inclusive.

^g James River only.

^h Scioto River.

ⁱ Lake Ontario and tributaries to St. Lawrence River proper.

^j Tributaries of Mississippi from east.

^k Gallatin River.

^l Loup and Platte rivers near Columbus, Nebr., and all tributaries below junction with Platte.

^m Platte and Kansas rivers.

ⁿ Green and Gunnison rivers and Grand River above junction with Gunnison.

^o Below junction with Gila.

^p Mohave River only.

^q Great Basin in California, excepting Truckee and Carson drainage basins.

^r Kings and Kern Rivers only.

^s Rogue, Umpqua, and Siletz rivers only.

ix - Hudson Bay only

In these papers and in the following list the stations are arranged in downstream order. The main stem of any river is determined by measuring or estimating the drainage area; that is, the headwater stream having the largest drainage area is considered the continuation of the main stream and local changes in name and lake surface are disregarded. All stations from the source to the mouth of the main stem of the river are presented first, and the tributaries in regular order from source to mouth follow, the streams in each tributary basin being listed before those of the next basin below.

The exceptions to this rule occur in the records for Mississippi River, which are given in four parts, as indicated above, and in the records for large lakes, where it is simpler to take up the streams in regular order around the rim of the lake than to cross back and forth over the lake surface.

Special reports embodying the results of stream-gaging work have from time to time been published by the Survey, and also by State organizations cooperating with the Federal Bureau. A list of the more important of these reports follows:

- Water resources of the State of Colorado, by A. L. Fellows: Water-Supply Paper U. S. Geol. Survey No. 74, 1902.
- California hydrography, by J. B. Lippincott: Water-Supply Paper U. S. Geol. Survey No. 81, 1903.
- The water powers of Texas, by T. U. Taylor: Water-Supply Paper U. S. Geol. Survey No. 105, 1904.
- Water powers of Alabama, with an appendix on stream measurements in Mississippi, by B. M. Hall: Water-Supply Paper U. S. Geol. Survey No. 107, 1904.
- Hydrography of the Susquehanna River drainage basin, by J. C. Hoyt and R. H. Anderson: Water-Supply Paper U. S. Geol. Survey No. 109, 1905.
- Water powers of northern Wisconsin, by L. S. Smith: Water-Supply Paper U. S. Geol. Survey No. 156, 1906.
- The Potomac River basin: geographic history; rainfall and stream flow; pollution, typhoid fever, character of water; relation of soils and forest cover to quality and quantity of surface water; effect of industrial wastes on fishes, by Bailey Willis, R. H. Bolster, H. N. Parker, W. W. Ashe, and M. C. Marsh: Water-Supply Paper U. S. Geol. Survey No. 192, 1907.
- Water supply of the Nome region, Seward Peninsula, Alaska, by J. C. Hoyt and F. F. Henshaw: Water-Supply Paper U. S. Geol. Survey No. 196, 1907.
- Water resources of Georgia, by B. M. and M. R. Hall: Water-Supply Paper U. S. Geol. Survey No. 197, 1907.
- Water resources of the Kennebec River basin, by H. K. Barrows: Water-Supply Paper U. S. Geol. Survey No. 198, 1907.
- Water-supply investigations in Alaska, 1906-7; Nome and Kougarak regions, Seward Peninsula; Fairbanks district; Yukon-Tanana region, by Fred F. Henshaw and C. C. Covert: Water-Supply Paper U. S. Geol. Survey No. 218, 1908.
- Water-supply investigations in Alaska, 1907-8, by C. C. Covert and C. E. Ellsworth: Water-Supply Paper U. S. Geol. Survey No. 228, 1909.
- Surface waters of Nebraska, by J. C. Stevens: Water-Supply Paper U. S. Geol. Survey No. 230, 1909.
- Water powers of the Cascade Range, Part I, Southern Washington, by John C. Stevens: Water-Supply Paper U. S. Geol. Survey No. 253.

- Water resources of the Penobscot River basin, Maine, by H. K. Barrows and C. C. Babb: Water-Supply Paper U. S. Geol. Survey No. 279.
- Water powers of North Carolina: Bull. North Carolina Geol. Survey.
- Hydrography of Virginia, by N. C. Grover and R. H. Bolster: Geological Series, Bull. No. 3, 1895-1905.
- Report of water resources investigations of Minnesota during 1909-10, by State Drainage Commission.

GAGING STATIONS.

I. NORTH ATLANTIC COAST BASINS.

[St. John River to York River, inclusive.]

ST. JOHN RIVER BASIN.

- St. John River near Dickey, Me., 1910.
- St. John River at Fort Kent, Me., 1905-1910.
- Allagash River near Allagash, Me., 1910.
- St. Francis River at St. Francis, Me., 1910.
- Fish River at Wallagrass, Me., 1903-1908.
- Madawaska River at St. Rose du Degile, P. Q., 1910.
- Arrostoock River at Fort Fairfield, Me., 1903-1910.

ST. CROIX RIVER BASIN.

- St. Croix River near Woodland, Me., 1902-1910.
- Grand Lake:
West Branch St. Croix River at Baileyville, Me., 1910.

MACHIAS RIVER BASIN.

- Machias River at Whitneyville, Me., 1903-1910.

UNION RIVER BASIN.

- Union River, West Branch (head of Union River) at Amherst, Me., 1909-10.
- Union River, West Branch, near Mariaville, Me., 1909.
- Union River at Ellsworth, Me., 1909-10.
- Union River, East Branch, near Waltham, Me., 1909.
- Webbs Brook at Waltham, Me., 1909.
- Green Lake (head of Green Lake Stream) at Green Lake, Me., 1909-10.
- Green Lake Stream at Lakewood, Me., 1909-10.
- Branch Lake (head of Branch Lake Stream) near Ellsworth, Me., 1909-10.
- Branch Lake Stream near Ellsworth, Me., 1909-10.

PENOBSCOT RIVER BASIN.

- Penobscot River, West Branch (head of Penobscot) at Millinocket, Me., 1901-1910.
- Penobscot River at West Enfield, Me., 1901-1910.
- Penobscot River at Sunk Haze Rips, near Costigan, Me., 1899-1900.
- Penobscot River, East Branch, at Grindstone, Me., 1902-1910.
- Mattawamkeag River at Mattawamkeag, Me., 1902-1910.
- Piscataquis River near Foxcroft, Me., 1902-1910.
- Cold Stream Pond (head of Cold Stream), 1910.
- Cold Stream at Enfield, Me., 1904-1906.
- Kenduskeag Stream near Bangor, Me., 1908-10.
- Phillips Lake Outlets at Holden and Dedham, Me., 1904-1908.

KENNEBEC RIVER BASIN.

- Moose River (head of Kennebec River) at Rockwood, Me., 1902-1908.
- Moosehead Lake (on Kennebec River) at Greenville, Me., 1903-1908 (stage only).
- Moosehead Lake at East Outlet, Me., 1895-1909 (stage only).

- Kennebec River at The Forks, Me., 1901-1910.
 Kennebec River at Bingham, Me., 1907-1910.
 Kennebec River at North Anson, Me., 1901-1907.
 Kennebec River at Waterville, Me., 1891-1910.
 Kennebec River at Gardiner, Me., 1785-1910.
 Roach River at Roach River, Me., 1901-1908.
 Dead River at The Forks, Me., 1901-1907 and 1910.
 Carrabassett River at North Anson, Me., 1901-1907.
 Sandy River near Farmington, Me., 1910.
 Sandy River at Madison, Me., 1904-1908.
 Sebasticook River at Pittsfield, Me., 1908-9.
 Messalonskee Stream at Waterville, Me., 1903-1905.
 Cobbosseecontee Lake, Me., 1910.
 Cobbosseecontee Stream at Gardiner, Me., 1890-1909.

ANDROSCOGGIN RIVER BASIN.

- Rangeley Lake (head of Androscoggin River), Me., 1910.
 Androscoggin River at Errol Dam, N. H., 1905-1910.
 Androscoggin River at Gorham, N. H., 1903 (fragmentary).
 Androscoggin River at Shelburne, N. H., 1903-1907 and 1910.
 Androscoggin River at Rumford Falls, Me., 1892-1910.
 Androscoggin River at Dixfield, Me., 1902-1908.
 Auburn Lake, Me., 1910.

PRESUMPSCOT RIVER BASIN.

- Presumpscot River at outlet of Sebago Lake, Me., 1887-1909.

SACO RIVER BASIN.

- Saco River near Center Conway, N. H., 1903-1910.
 Saco River at West Buxton, Me., 1907-1910.

MERRIMAC RIVER BASIN.

- Pemigewasset River (head of Merrimac River) at Plymouth N. H., 1886-1910.
 Merrimac River at Franklin Junction, N. H., 1903-1910.
 Merrimac River at Garvins Falls, N. H., 1904-1910.
 Merrimac River at Lawrence, Mass., 1890-1910.
 Contoocook River at West Hopkinton, N. H., 1903-1907.
 Suncook River at East Pembroke, N. H., 1904-5.
 Souhegan River at Merrimac, N. H., 1909-10.
 South Branch of Nashua River at Clinton, Mass., 1896-1910.
 Sudbury River at Framingham, Mass., 1875-1910.
 Lake Cochituate at Cochituate, Mass., 1863-1910.

MYSTIC RIVER BASIN.

- Mystic Lake near Boston, Mass., 1898-1897.

TAUNTON RIVER BASIN.

- Matfield River at Elmwood, Mass., 1909-10.
 Satucket River near Elmwood, Mass., 1909-10.

TENMILE RIVER BASIN.

- Tenmile River near Rumford, R. I., 1909.

BLACKSTONE RIVER BASIN.

- Blackstone River at Woonsocket, R. I., 1904-5.
 Blackstone River at Berkeley, R. I., 1900-1901.
 Branch River at Branch Village, R. I., 1909-10.

WOONASQUATUCKETT RIVER BASIN.

Woonasquatucket River, Olneyville, R. I., 1910.

PAWTUKET RIVER BASIN.

Pawtuxet River at Harris, R. I., 1909-10.

PAWCATUCK RIVER BASIN.

Wood River at Hope Valley, R. I., 1909-10.

THAMES RIVER BASIN.

Shetucket River at Willimantic, Conn., 1904-5.

CONNECTICUT RIVER BASIN.

Connecticut River at Orford, N. H., 1900-10.

Connecticut River at Sunderland, Mass., 1904-10.

Connecticut River at Holyoke, Mass., 1880-1898.

Connecticut River at Hartford, Conn., 1896-1908.

Israel River above South Branch at Jefferson Highlands, N. H., 1903-1906.

Israel River below South Branch at Jefferson Highlands, N. H., 1903-1907.

Passumpsic River at St. Johnsbury Center, Vt., 1903 and 1909-10.

Ammonoosuc River at Bretton Woods, N. H., 1903-1907.

Zealand River at Twin Mountain, N. H., 1903-1907.

Little River at Twin Mountain, N. H., 1904-5.

White River at Sharon, Vt., 1903-4 and 1909-10.

Ashuelot River at Winchester, N. H., 1903-4.

Ashuelot River at Hinsdale, N. H., 1907-1910.

Millers River at Wendell, Mass., 1909-10.

Moss Brook, Wendell, Me., 1910.

Deerfield River at Hoosac Tunnel, Mass., 1909-10.

Deerfield River at Shelburne Falls, Mass., 1907-1910.

Deerfield River at Deerfield, Mass., 1904-5.

Ware River at Ware, Mass., 1904-1908 and 1910.

Chicopee River:

Burnshirt River near Templeton, Mass., 1909-10.

Swift River, West Ware, Mass., 1910.

Quaboag River at West Warren, Mass., 1904-1907.

Quaboag River at West Brimfield, Mass., 1909-10.

Westfield River at Knightville, Mass., 1909-10.

Westfield River at Russell, Mass., 1904-5.

Westfield River, Middle Branch, Goss Heights, Mass., 1910.

Westfield Little River near Blandford, Mass., 1905-1910.

Salmon River at Leesville, Conn., 1905-6.

HOUSATONIC RIVER BASIN.

Housatonic River at Gaylordsville, Conn., 1900-1910.

Tenmile River at Dover Plains, N. Y., 1901-1903.

MIANUS RIVER BASIN.

Mianus River near Stamford, Conn., 1903.

Mianus River at Bedford, N. Y., 1903.

BYRAM RIVER BASIN.

Byram River at Pemberwick, Conn., 1903.

Byram River, West Branch, near Port Chester, N. Y., 1903.

Byram River, East Branch, near Greenwich, Conn., 1903.

Byram River, Middle Branch, near Riverville, Conn., 1903.

HUDSON RIVER BASIN.

- Hudson River at North Creek, N. Y., 1907-1910.
 Hudson River at Thurman, N. Y., 1907-1910.
 Hudson River at Fort Edward, N. Y., 1895-1908.
 Hudson River at Mechanicsville, N. Y., 1888-1910.
 Indian Lake Reservoir at Indian Lake, N. Y., 1900-1910.
 Schroon Lake (head of Schroon River) at Pottersville, N. Y., 1908-1910.
 Schroon River at Riverbank, N. Y., 1907-1910.
 Schroon River at Warrensburg, N. Y., 1895-1902.
 Sacandaga River at Wells, N. Y., 1907-1910.
 Sacandaga River at Northville, N. Y., 1907-1910.
 Sacandaga River near Hadley, N. Y., 1907-1910.
 Sacandaga River (a cable) near Hadley, N. Y., 1910.
 Sacandaga River at Union Bag & Paper Co.'s Mill, at Hadley, N. Y., 1909-10.
 Sacandaga River, West Branch, Whitehouse, N. Y., 1910.
 Battenkill River at Battenville, N. Y., 1908.
 Fish Creek at Burgoyne, N. Y., 1904-5 and 1908.
 Hoosic River above Eagle Bridge, N. Y., 1910.
 Hoosic River at Buskirk, N. Y., 1903-1909.
 Mohawk River at Ridge Mills near Rome, N. Y., 1898-1900.
 Mohawk River at Utica, N. Y., 1901-1903.
 Mohawk River at Little Falls, N. Y., 1898-1910.
 Mohawk River at Rocky Rift Dam near Indian Castle, N. Y., 1901.
 Mohawk River at Schenectady, N. Y., 1899-1901.
 Mohawk River at Rexford Flats, N. Y., 1898-1901.
 Mohawk River at Dunsbach Ferry, N. Y., 1898-1910.
 Ninemile Creek at Stittville, N. Y., 1898-9.
 Oriskany Creek at Coleman, N. Y., 1904-1906.
 Oriskany Creek at Wood Road Bridge near Oriskany, N. Y., 1901-1904.
 Oriskany Creek at Oriskany State Dam near Oriskany, N. Y., 1898-1906.
 Saugoit Creek at New York Mills, N. Y., 1898-1900.
 Nail Creek at Utica, N. Y., 1904.
 Reels Creek at Deerfield, N. Y., 1901-1904
 Reels Creek at Utica, N. Y., 1901-2.
 Johnston Brook at Deerfield, N. Y., 1903-1905.
 Starch Factory Creek at New Hartford, N. Y., 1903-1906.
 Graefenberg Creek at New Hartford, N. Y., 1903-1906.
 Sylvan Glen Creek at New Hartford, N. Y., 1900-1906.
 West Canada Creek at Twin Rock Bridge near Trenton Falls, N. Y., 1900-1910.
 West Canada Creek at Middleville, N. Y., 1898-1901.
 West Canada Creek at Kast Bridge, N. Y., 1905-1910.
 East Canada Creek at Dolgeville, N. Y., 1898-1910.
 Garoga Creek 3 miles above junction with Mohawk, 1898-9.
 Cayadutta Creek at Johnstown, N. Y., 1898-1900.
 Schoharie Creek at Prattsville, N. Y., 1902-1910.
 Schoharie Creek at Schoharie Falls above Mill Point, 1900-1901.
 Schoharie Creek at Mill Point, N. Y., 1900-1903.
 Schoharie Creek at Fort Hunter, 1898-1901.
 Schoharie Creek at Erie Canal Aqueduct below Fort Hunter, N. Y., 1900.
 Quackenskill Creek at Quackenskill, N. Y., 1894.
 Normanskill Creek at French's Mill, N. Y., 1891.
 Kinderhook Creek at Wilson's Dam near Garfield, N. Y., 1893-4.
 Kinderhook Creek at East Nassau, N. Y., 1892-1894.
 Kinderhook Creek at Rossman, N. Y., 1906-1910.

Hudson River—Continued.

- Catskill Creek at South Cairo, N. Y., 1901-1907.
- Esopus Creek at Olivebridge, N. Y., 1903-4.
- Esopus Creek near Olivebridge, N. Y. (weir station), 1906-1910.
- Esopus Creek at Kingston, N. Y., 1901-1909.
- Esopus Creek at Mount Marion, N. Y., 1907-1910.
- Rondout Creek at Rosendale, 1901-1903, 1905-1910.
- Diversion to Delaware and Hudson Canal at Rosendale, 1901-1907.
- Wallkill River at Newpaltz, N. Y., 1901-1903.
- Wappinger Creek at Wappinger Falls, N. Y., 1903-1905.
- Fishkill Creek at Glenham, N. Y., 1901-1903.
- Foundry Brook at Coldspring, N. Y., 1902-3.
- Croton River at Croton Dam, near Croton Lake, N. Y., 1868-1903.

PASSAIC RIVER BASIN.

- Passaic River at Millington, N. J., 1903-1906.
- Passaic River near Chatham, N. J., 1902-1910.
- Passaic River at Two Bridges (Mountain View), N. J., 1901-1903.
- Rockaway River at Boonton, N. J., 1903-4.
- Pompton River at Pompton Plains, N. J., 1903-4.
- Pompton River at Two Bridges (Mountain View), N. J., 1901-1903.
- Ramapo River near Mahwah, N. J., 1903-1908.
- Wanaque River at Wanaque, N. J., 1903-1905.

RARITAN RIVER BASIN.

- Raritan River at Stanton, N. J., 1903-1906.
- Raritan River at Finderne, N. J., 1903-1907.
- Raritan River at Boundbrook, N. J., 1903-1909.
- Raritan River, North Branch, at Pluckemin, N. J., 1903-1906.
- Millstone River at Millstone, N. J., 1903-4.

DELAWARE RIVER BASIN.

- Delaware River, East Branch (head of Delaware River), at Hancock, N. Y., 1902-1910.
- Delaware River at Port Jervis, N. Y., 1904-1910.
- Delaware River at Riegelsville, N. J., 1906-1910.
- Delaware River at Lambertville, N. J., 1897-1908.
- Delaware River, West Branch, at Hancock, N. Y., 1902-1910.
- Mongaup River near Rio, N. Y., 1909-10.
- Neversink River at Godeffroy, N. Y., 1903, 1909-10.
- Neversink River at Port Jervis, N. Y., 1902-3.
- Paulins Kill at Columbia, N. J., 1908-1909.
- Lehigh River at South Bethlehem, Pa., 1902-1905, 1909-10.
- Lehigh River at Easton, Pa., 1909.
- Musconetcong River at Asbury, N. J., 1903.
- Musconetcong River near Bloomsbury, N. J., 1903-1907.
- Tohickon Creek at Point Pleasant, Pa., 1883-1910.
- Neshaminy Creek below Forks, Pa., 1884-1910.
- Schuylkill River near Philadelphia, Pa., 1898-1910.
- Perkiomen Creek near Frederick, Pa., 1884-1910.
- Wissahickon Creek at Philadelphia, Pa., 1897-1906.

SUSQUEHANNA RIVER BASIN.

- Susquehanna River at Colliersville, N. Y., 1907-8.
- Susquehanna River at Binghamton, N. Y., 1901-1910.
- Susquehanna River at Wysox, Pa., 1908-1909.
- Susquehanna River at Wilkes-Barre, Pa., 1899-1910.

- Susquehanna River at Danville, Pa., 1899-1910.
 Susquehanna River at Harrisburg, Pa., 1891-1910.
 Susquehanna River at McCalls Ferry, Pa., 1902-1910.
 Chenango River at South Oxford, N. Y., 1903.
 Chenango River near Greene, N. Y., 1908.
 Chenango River at Binghamton, N. Y., 1901-1910.
 Eaton Brook, Madison County, N. Y., 1835.
 Madison Brook, Madison County, N. Y., 1835.
 Tioughnioga River at Chenango Forks, N. Y., 1903.
 Cayuta Creek at Waverly, N. Y., 1898-1902. (Data in Water-Supply Paper, 109 only.)
 Chemung River at Chemung, N. Y., 1903-1910.
 Susquehanna River, West Branch, at Williamsport, Pa., 1895-1910.
 Susquehanna River, West Branch, at Allenwood, Pa., 1899-1902.
 Juniata River at Newport, Pa., 1899-1910.
 Broad Creek at Mill Green, Md., 1904-1909.
 Octoraro Creek at Rowlandsville, Md., 1896-1899.
 Deer Creek near Churchville, Md., 1904-1909.

GUNPOWDER RIVER BASIN.

- Gunpowder Falls River at Glencoe, Md., 1904-1909.
 Little Gunpowder Falls River near Belair, Md., 1904-1909.

PATAPSCO RIVER BASIN.

- Patapsco River at Woodstock, Md., 1896-1909.

PATUXENT RIVER BASIN.

- Patuxent River at Laurel, Md., 1896-1898.

POTOMAC RIVER BASIN.

- Potomac River, North Branch (head of Potomac River), at Piedmont, W. Va., 1899-1906.
 Potomac River, North Branch, at Cumberland, Md., 1894-1897.
 Potomac River at Great Cacapon, W. Va., 1894-1896.
 Potomac River at Point of Rocks, Md., 1895-1910.
 Savage River at Bloomington, Md., 1905-6.
 Georges Creek at Westernport, Md., 1905-6.
 Wills Creek near Cumberland, Md., 1905-6.
 Potomac River, South Branch, near Springfield, W. Va., 1894-1896, 1899-1906.
 Opequan Creek near Martinsburg, W. Va., 1905-6.
 Tuscarora Creek at Martinsburg, W. Va., 1905.
 Antietam Creek near Sharpsburg, Md., 1897-1905.
 South River at Basic City, Va., 1905-6.
 South River at Port Republic, Va., 1895-1899.
 Shenandoah River, South Fork (head of Shenandoah River), near Front Royal, Va., 1899-1906.
 Shenandoah River at Millville, W. Va., 1895-1909.
 North River at Port Republic, Va., 1895-1899.
 Lewis Creek near Staunton, Va., 1905-6.
 Cooks Creek at Mount Crawford, Va., 1905-6.
 Elk Run at Elkton, Va., 1905-6.
 Hawksbill Creek, near Luray, Va., 1905-6.
 Shenandoah River, North Fork, near Riverton, Va., 1899-1906.
 Passage Creek at Buckton, Va., 1905-6.
 Monocacy River near Frederick, Md., 1896-1910.
 Goose Creek near Leesburg, Va., 1909-10.
 Rock Creek at Zoological Park, D. C., 1897-1900.
 Rock Creek at Lyons Mill, D. C., 1892-1894.

RAPPAHANNOCK RIVER BASIN.

Rappahannock River near Fredericksburg, Va., 1907-1910.

II. SOUTH ATLANTIC COAST AND EASTERN GULF OF MEXICO.**JAMES RIVER BASIN.**

- Jackson River (head of James) at Covington, Va., 1907-8.
- James River at Buchanan, Va., 1895-1910.
- James River at Holcomb Rock, Va., 1900-1910.
- James River at Cartersville, Va., 1899-1910.
- Cowpasture River near Clifton Forge, Va., 1907-8.
- James River, North Branch, near Glasgow, Va., 1895-1905.
- Apomattox River at Mattoax, Va., 1900-1905.

ROANOKE RIVER BASIN.

- Roanoke River at Roanoke, Va., 1896-1910.
- Roanoke River at Randolph, Va., 1900-1906.
- Roanoke River above the Dan at Clarksville, Va., 1895-1898.
- Roanoke River at Neal, N. C., 1896-1903.
- Tinker Creek at Roanoke, Va., 1907-8.
- Back Creek near Roanoke, Va., 1907-8.
- Dan River at Madison, N. C., 1903-1908.
- Dan River at South Boston, Va., 1900-1907.
- Dan River at Clarksville, Va., 1895-1898.
- Banister River at Houston, Va., 1904-5.

TAR RIVER BASIN.

Tar River near Tarboro, N. C., 1896-1900.

NEUSE RIVER BASIN.

Neuse River near Selma, N. C., 1896-1900.

CAPE FEAR BASIN.

- Haw River (head of Cape Fear River) near Moncure, N. C., 1898-9.
- Cape Fear River near Fayetteville, N. C., 1889-1903.
- Deep Creek near Cumnock, N. C., 1900-1902.
- Deep Creek near Moncure, N. C., 1898-9.
- Rockfish Creek near Brunt, N. C., 1902-3.

YADKIN RIVER BASIN.

- Yadkin (or Pedee) River at North Wilkesboro, N. C., 1903-1909.
- Yadkin River near Siloam, N. C., 1900-1.
- Yadkin River near Salisbury, N. C., 1895-1909.
- Yadkin River near Norwood, N. C., 1896-1899.
- Yadkin River near Pedee, N. C., 1906-1910.
- Pedee River at Cheraw, S. C., 1909-10

SANTEE RIVER BASIN.

- Catawba River (head of Santee River) at Old Fort, N. C., 1907.
- Catawba River near Morganton, N. C., 1900-1909.
- Catawba River near Catawba, N. C., 1896-1905.
- Catawba River near Rockhill, S. C., 1895-1903.
- Wateree River (lower part of Catawba) near Camden, S. C., 1904-1910.
- Mill Creek at Old Fort, N. C., 1907.
- Linville River at Fonta Flora, N. C., 1907-8.

Wateree River—Continued.

- Linville River near Bridgewater, N. C., 1900.
- Johns River at Collettsville, N. C., 1907.
- Johns River near Morganton, N. C., 1900-1.
- Broad River (of the Carolinas) (head of Congaree River) at Uree, N. C., 1907-1909.
- Broad River (of the Carolinas) at Dellinger, S. C., 1900-1.
- Broad River (of the Carolinas) near Gaffney, S. C., 1896-1899.
- Broad River (of the Carolinas) at Alston, S. C., 1896-1907.
- Green River near Saluda, N. C., 1907-1909.
- Second Broad River near Logan's Store, N. C., 1907-8.
- Saluda River near Waterloo, S. C., 1896-1905
- Saluda River near Ninety Six, S. C., 1905.

SAVANNAH RIVER BASIN.

- Chattooga River (head of Savannah) near Clayton, Ga., 1907-8.
- Tugaloo River (continuation of Chattooga River) near Toccoa, Ga., 1907-8.
- Tugaloo River near Madison, S. C., 1898-1910.
- Savannah River near Calhoun Falls, S. C., 1896-1903.
- Savannah River at Woodlawn, S. C., 1905-1910.
- Savannah River at Augusta, Ga., 1899-1906.
- Stekoa Creek near Clayton, Ga., 1907-8.
- Tallulah River at Tallulah Falls, Ga., 1900-1910.
- Chauga River near Madison, S. C., 1907.
- Seneca River near Clemson College, S. C., 1903-1905.
- Broad River (of Georgia) near Carlton, Ga., 1897-1910.
- Ogeechee River near Millen, Ga., 1903.
- Williamsons Swamp Creek near Davisboro, Ga., 1903-4.
- Cannoochee River near Groveland, Ga., 1903-1907.

ALTAMAHA RIVER BASIN.

- South River (head of Ocmulgee River, which is head of Altamaha) near Lithonia, Ga., 1903-4.
- Ocmulgee River near Jackson, Ga., 1906-1910.
- Ocmulgee River near Flovilla, Ga., 1901-1905.
- Ocmulgee River at Macon, Ga., 1893-1910.
- Yellow River at Almon, Ga., 1897-1901.
- Alcovy River near Covington, Ga., 1901-1904.
- Alcovy River near Stewart, Ga., 1905-6.
- Towaliga River near Juliette, Ga., 1899-1901.
- Oconee River at Barnett Shoals, near Watkinsville, Ga., 1901-2.
- Oconee River near Greensboro, Ga., 1903-1910.
- Oconee River at Carey, Ga., 1896-1898.
- Oconee River at Fraleys Ferry, near Milledgeville, Ga., 1905-1910.
- Oconee River at Milledgeville, Ga., 1893-1905.
- Oconee River at Dublin, Ga., 1897-1910.
- Middle Oconee River near Athens, Ga., 1901-2.
- Apalachee River near Buckhead, Ga., 1901-1908.
- Ohoopee River near Reidsville, Ga., 1903-1907.
- Silver Springs River (head of St. John River) near Silver Springs, Fla., 1906.

SUWANEE RIVER BASIN.

- Suwanee River near White Springs, Fla., 1906-1908.

APALACHICOLA RIVER BASIN.

- Chattahoochee River (head of Apalachicola River) near Aerial, Ga., 1907-1909.
- Chattahoochee River near Leaf, Ga., 1907.

- Chattahoochee River near Gainesville, Ga., 1901-1903.
 Chattahoochee River near Buford, Ga., 1901.
 Chattahoochee River near Norcross, Ga., 1902-1910.
 Chattahoochee River near Oakdale, Ga., 1895-1904.
 Chattahoochee River at West Point, Ga., 1896-1910.
 Chattahoochee River at Alaga, Ala., 1908-1910.
 Soque River near Demorest, Ga., 1904-1909.
 Sweetwater Creek near Austell, Ga., 1904-5.
 Flint River near Woodbury, Ga., 1900-1910.
 Flint River near Mussela, Ga., 1907.
 Flint River near Montezuma, Ga., 1905-1910.
 Flint River at Albany, Ga., 1902-1910.
 Flint River at Bainbridge, Ga., 1908-1910.
 Kinchafoonee Creek near Leesburg, Ga., 1905-1909.
 Kinchafoonee Creek near Albany, Ga., 1903.
 Muckalee Creek near Albany, Ga., 1903.
 Ichawaynochaway Creek at Milford, Ga., 1905-1907.

CHOCTAWHATCHEE RIVER BASIN.

- Choctawhatchee River near Newton, Ala., 1906-1908.
 Choctawhatchee River near Geneva, Ala., 1904.
 Double Bridge Creek at Geneva, Ala., 1904.
 Pea River at Pera, Ala., 1904-1910.
 Pea River at Elba, Ala., 1906.

ESCAMBIA RIVER BASIN.

- Conecuh River at Beck, Ala., 1904-1910.

MOBILE RIVER BASIN.

- Cartecay River (head of Mobile River) near Cartecay, Ga., 1904-5, 1907.
 Coosawattee River (continuation of Cartecay River) at Carters, Ga., 1896-1908.
 Costanaula River (continuation of Coosawattee River) at Resaca, Ga., 1896-1910.
 Coosa River (continuation of Costanaula River) at Rome, Ga., 1897-1903.
 Coosa River at Lock No. 4, Ala., above Riverside, Ala., 1890-1901.
 Coosa River at Riverside, Ala., 1896-1910.
 Coosa River at Lock No. 5, near Childersburg, Ala., 1892-1897.
 Coosa River near Wetumpka, Ala., 1896-1898.
 Alabama River (continuation of Coosa River) at Montgomery, Ala., 1899-1903.
 Alabama River at Selma, Ala., 1900-1910.
 Ellijay River at Ellijay, Ga., 1907.
 Conasauga River at Beavertdale, Ga., 1907-8.
 Etowah River near Ball Ground, Ga., 1907-1910.
 Etowah River at Canton, Ga., 1892-1905.
 Etowah River near Rome, Ga., 1904-1910.
 Etowah River at Rome, Ga., 1903.
 Amicalola River near Potts Mountain, Ga., 1907-8.
 Choccolocco Creek at Jenifer, Ala., 1903-1908.
 Talladega Creek at Nottingham, Ala., 1900-1904.
 Tallapoosa River at Sturdevant, Ala., 1900-1910.
 Tallapoosa River near Susanna, Ala., 1900-1901.
 Tallapoosa River at Milstead, Ala., 1897-1903.
 Hillabee Creek near Alexander City, Ala., 1900-1903.
 Big Sandy Creek near Dadeville, Ala., 1900-1901.
 Cahaba River at Centerville, Ala., 1901-1908.
 Tombigbee River at Columbus, Miss., 1900-1910.

Alabama River—Continued.

- Tombigbee River at Epes, Ala., 1900-1910.
- Black Warrior River near Cordova, Ala., 1900-1910.
- Black Warrior River near Coal, Ala., 1908-1910.
- Black Warrior River at Tuscaloosa, Ala., 1889-1905.
- Clear Creek near Elk, Ala., 1904-5.
- Locust Fork of Black Warrior River at Palos, Ala., 1901-1905.
- Village Creek near Mulga, Ala., 1909.
- Camp Branch near Ensley, Ala., 1908-1910.
- Venison Branch near Mulga, Ala., 1908-9.

PEARL RIVER BASIN.

- Pearl River at Jackson, Miss., 1901-1910.
- Bogue Chitto at Warnerton, La., 1906.

III. OHIO RIVER BASIN.

- Allegheny River (head of Ohio River) at Red House, N. Y., 1903-1910.
- Allegheny River at Kittanning, Pa., 1904-1910.
- Conewango Creek:
 - Chautauqua Lake outlet (Chadakoin River) near Jamestown, N. Y., 1895.
 - Chadakoin River near Jamestown, N. Y., 1904-5.
- Kiskiminitas River at Avonmore, Pa., 1907-1910.
- Kiskiminitas River at Salina, Pa., 1904-1906.
- Blacklick Creek at Blacklick, Pa., 1904-1910.
- Tygart River (head of Monongahela River) at Belington, W. Va., 1907-1910.
- Tygart River at Fetterman, W. Va., 1907-1910.
- Monongahela River at Lock No. 4, Pa., 1886-1906. Flood stage record only.
- Buckhannon River at Hall, W. Va., 1907-1909.
- West Fork River at Enterprise, W. Va., 1907-1910.
- Buffalo Creek at Barrackville, W. Va., 1907-8.
- Cheat River at Morgantown, W. Va., 1899-1900; 1902-1905; 1908-9.
- Youghiogheny River at Friendsville, Md., 1898-1904.
- Youghiogheny River at Confluence, Pa., 1904-1909.
- Casselman River at Confluence, Pa., 1904-1910.
- Laurel Hill Creek at Confluence, Pa., 1904-1910.
- Indian Creek in Westmoreland County, Pa., 1892-3.
- Beaver River:
 - Mahoning River at Youngstown, Ohio, 1903-1906.
- Cross Creek near Mingo Junction, Ohio, 1903.
- McMahon River at Steel, Ohio, 1903.
- Muskingum River at Zanesville, Ohio, 1905-1910.
- Mohican River at Pomerene, Ohio, 1910.
- Licking River at Pleasant Valley, Ohio, 1902-1906.
- Jonathan Creek at Powells, Ohio, 1902-3.
- New River, South Fork (head of New River, which in turn is head of Kanawha River) at New River, N. C., 1900-1901.
- New River, South Fork, near Crumpler, N. C., 1908-1910.
- New River at Oldtown, Va., 1900-1903.
- New River near Grayson, Va., 1908-1910.
- New River at Radford, Va., 1898-1910.
- New River at Fayette, W. Va., 1895-1904; 1908-1910.
- New River, North Fork, at Weaversford, N. C., 1900-1901.
- New River, North Fork, near Crumpler, N. C., 1908-1910.

Allegheny River—Continued.

New River—Continued.

- Reed Creek at Grahams Forge, Va., 1908-1910.
- Big Reed Island Creek near Allisonia, Va., 1908-1910.
- Little River near Copper Valley, Va., 1908-1910.
- Walker Creek at Staffordsville, Va., 1908-1910.
- Wolf Creek near Narrows, Va., 1908-1910.
- Bluestone River at Lilly, W. Va., 1908-1910.
- Greenbrier River near Marlinton, W. Va., 1908-1910.
- Greenbrier River at Alderson, W. Va., 1895; 1908-1910.
- Gauley River at Allingdale, W. Va., 1908-1910.
- Gauley River near Summersville, W. Va., 1908-1910.
- Gauley River at Belva, W. Va., 1908-1910.
- Cherry River at Richwood, W. Va., 1908-1910.
- Meadow River near Russellville, W. Va., 1908-1910.
- Elk River at Webster Springs, W. Va., 1908-1910.
- Elk River at Gassaway, W. Va., 1908-1910.
- Elk River at Clendennin, W. Va., 1908-1910.
- Coal River at Brushton, W. Va., 1908-1910.
- Coal River at Tornado, W. Va., 1908-1910.
- Pocotaligo River at Sissonville, W. Va., 1908-1910.
- Scioto River near Columbus, Ohio, 1898-1906.
- Olentangy River near Columbus, Ohio, 1898-1905.
- Little Miami River at Loveland, Ohio, 1906.
- Little Miami River near Morrow, Ohio, 1903.
- Miami River at Hamilton, Ohio, 1910.
- Miami River at Dayton, Ohio, 1905-1910.
- Mad River near Springfield, Ohio, 1904-1906.
- Kentucky River at Frankfort, Ky., 1905-6.
- Dix River near Danville, Ky., 1905.
- Dix River near Burgin, Ky., 1910.
- Salt River, Rolling Fork, at New Haven, Ky., 1905-6.
- Wabash River at Logansport, Ind., 1903-1906.
- Wabash River at La Fayette, Ind., 1901-1903.
- Wabash River at Terre Haute, Ind., 1902-3 and 1905-6.
- Wabash River at Mount Carmel, Ind., 1884-1910 (gage height records by United States Weather Bureau).
- Tippecanoe River at Delphi, Ind., 1903-1906; 1908.
- Embarrass River near Oakland, Ill., 1909-10.
- Embarrass River at St. Marie, Ill., 1909-10.
- White River, West Branch, at Indianapolis, Ind., 1904-1906.
- Eel River at Cataract, Ind., 1903-1906.
- White River, East Branch, at Shoals, Ind., 1903-1906; 1909-10.
- Little Wabash River at Clay City, Ill., 1909-10.
- Little Wabash River at Golden Gate, Ill., 1909-10.
- Little Wabash River at Carmi, Ill., 1909-10.
- Skillet Fork at Wayne City, Ill., 1909-10.
- Skillet Fork at Mill Shoals, Ill., 1909-10.
- Cumberland River at Nashville, Tenn., 1901-1904.
- French Broad River (head of Tennessee River) at Rosman, N. C., 1907-1909.
- French Broad River at Horseshoe, N. C., 1904-1906.
- French Broad River at Asheville, N. C., 1895-1910.
- French Broad River at Newport, Tenn., 1900-1905; 1907.
- Tennessee River at Knoxville, Tenn., 1899-1910.

Allegheny River—Continued.

- Tennessee River at Chattanooga, Tenn., 1895-1910.
 Davidson River near Davidson River, N. C., 1904-1909.
 Little River at Calhoun, N. C., 1907-8.
 Mills River, North Fork, at Pinkbed, N. C., 1904-1909.
 Mills River, South Fork, near Sitton, N. C., 1904-1909.
 Mud Creek at Naples, N. C., 1907.
 Swannanoa River at Swannanoa, N. C., 1907-1909.
 Swannanoa River at Biltmore, N. C., 1905.
 Ivy River at Democrat, N. C., 1907.
 Pigeon River at Canton, N. C., 1907-1909.
 Pigeon River at Newport, Tenn., 1900-1909.
 Nolichucky River at Chucky Valley, Tenn., 1900-1901.
 Nolichucky River at Greeneville, Tenn., 1903-1908.
 North Toe River at Spruce Pine, N. C., 1907-8.
 Holston River, South Fork (head of Holston River), near Chilhowie, Va., 1907-1909.
 Holston River, South Fork, at Bluff City, Tenn., 1900-1910.
 Holston River near Rogersville, Tenn., 1904-1909.
 Holston River, Middle Fork, at Chilhowie, Va., 1907-1910.
 Watauga River at Butler, Tenn., 1900-1901.
 Watauga River near Elizabethton, Tenn., 1903-1908.
 Elk Creek at Lineback, Tenn., 1900-1901.
 Roane Creek at Butler, Tenn., 1900-1901.
 Doe River at Elizabethton, Tenn., 1907-8.
 Holston River, North Fork, at Daltville, Va., 1907-8.
 Little Tennessee River at Franklin, N. C., 1907-1910.
 Little Tennessee River at Judson, N. C., 1896-1910.
 Little Tennessee River at McGhee, Tenn., 1905-1910.
 Cullasagee River at Cullasagee, N. C., 1907-1909.
 Nantahala River near Nantahala, N. C., 1907-1909.
 Tuckasegee River near East Laport, N. C., 1907-1909.
 Tuckasegee River at Bryson, N. C., 1896-1910.
 Scotts Creek near Dillsboro, N. C., 1907-8.
 Oconalufy River near Cherokee, N. C., 1907-8.
 Cheoah River at Millsaps, N. C., 1907-8.
 Clinch River at Clinchport, Va., 1907-1909.
 Hiwassee River near Hayesville, N. C., 1907-1909.
 Hiwassee River at Murphy, N. C., 1896-1910.
 Hiwassee River at Reliance, Tenn., 1900-1910.
 Hiwassee River at Charlestown, Tenn., 1899-1901, 1903.
 Tusquitee Creek near Hayesville, N. C., 1907-1909.
 Valley River at Tomotla, N. C., 1904-1909.
 Nottely River at Ranger, N. C., 1901-1905.
 Toccoa River near Dial, Ga., 1907-8.
 Toccoa River at Blueridge, Ga., 1899-1903.
 Ocoee River at McCays (Copper Hill), Tenn., 1903-1910.
 Elk Creek near Elkmont, Ala., 1904-1908.
 Duck River at Columbia, Tenn., 1904-1908.

IV. ST. LAWRENCE RIVER BASIN.

LAKE SUPERIOR BASIN.

- St. Louis River near Forbes, Minn., 1910.
 St. Louis River near Cloquet, Minn., 1903.

- St. Louis River near Thompson, Minn., 1909-10.
 Whiteface River at Meadowlands, Minn., 1909-10.
 Cloquet River at Independence, Minn., 1909-10.
 Ontonagon River near Rockland, Mich., 1903.
 Dead River near Negaunee, Mich., 1902-3.
 Dead River at Forestville, Mich., 1898-1902.
 Carp River near Marquette, Mich., 1902-3.

LAKE MICHIGAN BASIN.

- Escanaba River near Escanaba, Mich., 1903-1910.
 Menomonee River near Iron Mountain, Mich., 1902-1910.
 Menomonee River at Lower Quinnesec Falls, Wis., 1898-9.
 Menomonee River at Koss, Mich., 1907-1909.
 Iron River at Riverton Mine, Mich., 1900-1905.
 Peshtigo River near Crivitz, Wis., 1906-1910.
 Peshtigo River at Crivitz, Wis., 1906.
 Oconto River near Gillett, Wis., 1906-1909.
 Oconto River at Stiles, Wis., 1906.
 Fox River at Omro, Wis., 1902-3.
 Fox River at Oshkosh, Wis., 1902.
 Fox River at Wrightston, Wis., 1902-3.
 Wolf River at Keshena, Wis., 1907-1909.
 Wolf River at White House Bridge, near Shawano, Wis., 1906-7.
 Wolf River at Darrows Bridge, near Shawano, Wis., 1906.
 Wolf River at Northport, Wis., 1905.
 Wolf River at Winneconne, Wis., 1902-3.
 Little Wolf River near Northport, Wis., 1907-1909.
 Fond du Lac River, East Branch, at Fond du Lac, Wis., 1903.
 Fond du Lac River, West Branch, at Fond du Lac, Wis., 1903.
 St. Joseph River at Mendon, Mich., 1902-1905.
 St. Joseph River at Buchanan, Mich., 1901-1906.
 Fawn River at White Pigeon, Mich., 1903-4.
 Kalamazoo River near Allegan, Mich., 1901-1908.
 Reed's Springs near Albion, Mich., 1904-1906.
 Muskegon River at Newayo, Mich., 1901-1906.
 Grand River at North Lansing, Mich., 1901-1906.
 Grand River at Grand Rapids, Mich., 1901-1910.
 Red Cedar River at Agricultural College, Mich., 1902-3.
 Crockery Creek at Slocums Grove, Mich., 1902-3.
 Manistee River near Sherman, Mich., 1903-1910.
 Boardman River at Traverse City, Mich., 1903.

LAKE HURON BASIN.

- Thunder Bay River near Alpena, Mich., 1902-1904, 1906-1908.
 Au Sable River at Bamfield, Mich., 1902-1910.
 Rifle River near Sterling, Mich., 1905-1908.
 Rifle River at Omer, Mich., 1902-3.
 Shiawassee River (head of Saginaw River):
 Flint River at Flint, Mich., 1903-4.
 Cass River at Frankenmuth, Mich., 1908-9.
 Cass River at Bridgeport, Mich., 1908.
 Tittabawassee River at Freeland, Mich., 1903-1910.

LAKE ERIE BASIN.

- Huron River at Dover, Mich., 1904.
 Huron River at Dexter, Mich., 1904-1910.

Huron River at Geddes, Mich., 1904-1909.
 Huron River at French Landing, Mich., 1904-5.
 Huron River at Flat Rock, Mich., 1904-1910.
 St. Marys River at Fort Wayne, Ind., 1905-6.
 Maumee River near Sherwood, Ohio, 1903-1906.
 Maumee River near Waterville, Ohio, 1901.
 St. Joseph River at Fort Wayne, Ind., 1905-6.
 Tiffin River near Defiance, Ohio, 1903-1906.
 Auglaize River near Defiance, Ohio, 1903.
 Ottawa River at Lima, Ohio, 1902-3.
 Blanchard River at Ottawa, Ohio, 1902-3.
 Sandusky River at Fremont, Ohio, 1898-1901.
 Black River near Elyria, Ohio, 1903-1906.
 Cuyahoga River at Independence, Ohio, 1903-1906.
 Cuyahoga River at Cleveland, Ohio, 1903.
 Cattaraugus Creek near Versailles, N. Y., 1910.

LAKE ONTARIO BASIN.

Genesee River at St. Helena, N. Y., 1908-1910.
 Genesee River at Mount Morris, N. Y., 1903-1909.
 Genesee River at Jones Bridge, Mount Morris, N. Y., 1903-1906. 1908-1910.
 Genesee River at Rochester, N. Y., 1904-1910.
 Canaseraga Creek near Dansville, N. Y., 1910.
 Keshqua Creek near Sonyea, N. Y., 1910.
 Hemlock Lake at Hemlock, N. Y., 1894-1902.
 Canadice Lake Outlet near Hemlock, N. Y., 1903-1909.
 Honeoye Creek at East Rush, N. Y., 1903-1906.
 Seneca River (head of Oswego River) at Baldwinsville, N. Y., 1898-1908.
 Oswego River above Minetto, N. Y., 1900-1903.
 Oswego River at Battle Island, N. Y., 1900-1906.
 Oswego River at Oswego, N. Y., 1897-1901.
 Seneca Lake at Geneva, N. Y., 1905-6.
 Cayuga Lake at Ithaca, N. Y., 1905-1908.
 Fall Creek, near Ithaca, N. Y., 1908-1910.
 Skaneateles Lake at Skaneateles, N. Y., 1890-91.
 Skaneateles Lake Outlet at Willow Glen, N. Y., 1892-1910.
 Skaneateles Lake Outlet at Jordan, N. Y., 1890-1892.
 Onondaga Lake Outlet at Long Branch, N. Y., 1904.
 Fish Creek, East Branch, (through Oneida Lake, head of Oneida River) at Point
 Rock, N. Y., 1898-9.
 Oneida River at Brewerton, N. Y., 1899.
 Oneida River at Euclid, N. Y., 1902-1909.
 Oneida Creek at Kenwood, N. Y., 1898-1900.
 Fish Creek, West Branch, at McConnellsville, N. Y., 1898-1901
 Chittenango Creek at Chittenango, N. Y., 1901-1906.
 Chittenango Creek at Bridgeport, N. Y., 1898-1901.
 Salmon River near Pulaski, N. Y., 1901-1908 and 1910.
 Black River near Felts Mills, Watertown, N. Y., 1902-1909.
 Black River at Huntingtonville Dam, near Watertown, N. Y., 1897-1901
 Moose River at Moose River, N. Y., 1900-1910.
 Beaver River at Croghan, N. Y., 1901-1903.

ST. LAWRENCE RIVER TRIBUTARIES.

Oswegatchie River near Ogdensburg, N. Y., 1903-1910.
 Raquette River at Raquette Falls, near Coreys, N. Y., 1908-1910.

- Raquette River at Pierceland, N. Y., 1908-1910.
 Raquette River at South Colton, N. Y., 1904.
 Raquette River at Massena Springs, N. Y., 1903-1910.
 Bog River at Tupper Lake, N. Y., 1908-1910.
 St. Regis River near Brasher Center, N. Y., 1910.
 Richelieu River at Fort Montgomery, N. Y., 1875-1910.
 Lake Champlain at Burlington, Vt., 1907-1909.
 Missisquoi River at Richford, Vt., 1909-1910.
 Missisquoi River at Swanton, Vt., 1903.
 Lamoille River near Morrisville, Vt., 1909-10.
 Lamoille River at West Milton, Vt., 1903.
 Winooski River above Stevens Branch near Montpelier, Vt., 1909-10.
 Winooski River at Montpelier, Vt., 1909-10.
 Winooski River at Richmond, Vt., 1903-1907 and 1910.
 Worcester Branch of Winooski River at Montpelier, Vt., 1909-10.
 Dog River at Northfield, Vt., 1909-10.
 Otter Creek at Middlebury, Vt., 1903-1907.
 Poultney River at Fairhaven, Vt., 1908.
 Mettawee River at Whitehall, N. Y., 1908.
 Lake George Outlet at Ticonderoga, N. Y., 1904-5.
 Boquet River at Willsboro, N. Y., 1904 and 1908.
 Au Sable River near Au Sable Forks, N. Y., 1910.
 Au Sable River at Keeseville, N. Y., 1904 and 1908.
 Saranac River at Saranac Lake, N. Y., 1902-3.
 Saranac River at Plattsburg, N. Y., 1903-1910.
 Big Chazy River at Mooers, N. Y., 1908.
 St. Francis River:
 Clyde River (tributary through Lake Memphremagog) at West Derby, Vt., 1909-10.

V. HUDSON BAY AND UPPER MISSISSIPPI RIVER BASINS.

HUDSON BAY BASIN.

- St. Mary River at United States Reclamation Service camp, near Babb, Mont., 1910.
 St. Mary River at Main, Mont., 1901-2.
 St. Mary River near Babb (formerly dam site), Mont., 1902-1910.
 St. Mary River near Cardston, Alberta, 1902-1910.
 Swiftcurrent Creek near Babb (formerly Wetzel), Mont., 1902-1910.
 Kennedy Creek near Babb (formerly Wetzel), Mont., 1903-1906.
 Ottertail River (head of Red River), near Fergus Falls, Minn., 1904-1910.
 Red River near Fergus Falls, Minn., 1909-10.
 Red River at Fargo, N. Dak., 1901-1910.
 Red River at Grand Forks, N. Dak., 1901-1910 (gage height record 1895-1901).
 Red River at Emerson, Manitoba, 1902.
 Pelican River near Fergus Falls, Minn., 1909-10.
 Sheyenne River at Haggart, N. Dak., 1902-1907.
 Devils Lake near Devils Lake, N. Dak., 1901-1910.
 Wild Rice River at Twin Valley, Minn., 1909-10.
 Red Lake River at Thief River Falls, Minn., 1909-10.
 Red Lake River at Crookston, Minn., 1901-10.
 Thief River near Thief River Falls, Minn., 1909-10.
 Clearwater River at Red Lake Falls, Minn., 1909-10.
 Pembina River at Neche, N. Dak., 1903-1910.
 Mouse River near Foxholm, N. Dak., 1904-1906.

Red River—Continued.

- Mouse River at Minot, N. Dak., 1903-1910.
- Des Lacs River at Foxholm, N. Dak., 1904-1906.
- Rainy Lake at Rainier, Minn., 1910.
- Rainy River at International Falls, Minn., 1909-10.
- Little Fork Rainy River at Little Fork, Minn., 1909-10.
- Big Fork River at Big Falls, Minn., 1909-10.
- Big Fork River near Laurel, Minn., 1909.
- Black River near Loman, Minn., 1909.

UPPER MISSISSIPPI RIVER BASIN.

- Mississippi River above Sandy River, Minn., 1895-1910.
- Mississippi River near Fort Ripley, Minn., 1909-10.
- Mississippi River near Sauk Rapids, Minn., 1903-1906.
- Mississippi River at Anoka, Minn., 1905-1910.
- Mississippi River at St. Paul, Minn., 1873-1901.
- Sandy River below Sandy Lake Reservoir, Minn., 1910.
- Pine River below Pine River Reservoir, Minn., 1910.
- Prairie River near Grand Rapids, Minn., 1909.
- Crow Wing River at Nimrod, Minn., 1910.
- Crow Wing River at Motley, Minn., 1909.
- Crow Wing River at Pillager, Minn., 1903 and 1909-10.
- Long Prairie River near Motley, Minn., 1909-10.
- Sauk River near St. Cloud, Minn., 1909-10.
- Crow River, North Fork, near Rockford, Minn., 1909-10.
- Crow River at Rockford, Minn., 1909-10.
- Crow River near Dayton, Minn., 1906.
- Crow River, South Fork, near Rockford, Minn., 1909-10.
- Rum River at Onamia, Minn., 1909-10.
- Rum River at Cambridge, Minn., 1909-10.
- Rum River at St. Francis, Minn., 1903.
- Rum River near Anoka, Minn., 1905-1909.
- Minnesota River near Odessa, Minn., 1909-10.
- Minnesota River near Montevideo, Minn., 1909-10.
- Minnesota River near Mankato, Minn., 1903-1910.
- Whetstone River near Big Stone, S. Dak., 1910.
- Lac qui Parle River at Lac qui Parle, Minn., 1910.
- Chippewa River near Watson, Minn., 1909-10.
- Redwood River near Redwood Falls, Minn., 1909-10.
- Cottonwood River near New Ulm, Minn., 1909-10.
- Blue Earth River at Rapidan Mills, Minn., 1909-10.
- St. Croix River:
 - Kettle River near Sandstone, Minn., 1909-10.
 - Snake River at Mora, Minn., 1909-10.
- Cannon River at Welch, Minn., 1909-10.
- Chippewa River at Chippewa Falls, Wis., 1899-1910.
- Chippewa River near Eau Claire, Wis., 1902-1910.
- Flambeau River near Ladysmith, Wis., 1903-1906.
- Red Cedar River at Cedar Falls, Wis., 1907-1910.
- Red Cedar River at Menominee, Wis., 1907-8.
- Zumbro River at Zumbro Falls, Minn., 1909-10.
- Black River at Neillsville, Wis., 1905-1910.
- Black River at Melrose, Wis., 1902-3.
- Root River near Houston, Minn., 1909-1910.
- Root River, North Branch, near Lanesboro, Minn., 1910.

Mississippi River—Continued.

- Wisconsin River near Rhinelander, Wis., 1905-1910.
- Wisconsin River at Merrill, Wis., 1902-1910.
- Wisconsin River near Necedah, Wis., 1902-1910.
- Wisconsin River at Muscoda, Wis., 1902-3.
- Maquoketa River at Manchester Iowa, 1903.
- Wapsipinicon River at Stone City, Iowa, 1903-1910.
- Rock River above mouth of Pecatonica River at Rockton, Ill., 1903.
- Rock River below mouth of Pecatonica River at Rockton, Ill., 1903-1910.
- Rock River near Nelson, Ill., 1906.
- Rock River at Sterling, Ill., 1905-6.
- Catfish River at Madison, Wis., 1902-3.
- Lake Mendota at Madison, Wis., 1902-3.
- Iowa River at Marshalltown, Iowa, 1903.
- Iowa River at Iowa City, Iowa, 1903-1906.
- Cedar River near Austin, Minn., 1909-10.
- Red Cedar River at Janesville, Iowa, 1905-6.
- Cedar River at Cedar Rapids, Iowa, 1903-1910.
- Des Moines River at Jackson, Minn., 1910.
- Des Moines River at Fort Dodge, Iowa, 1905-6.
- Des Moines River at Des Moines, Iowa, 1902-3, 1905-6.
- Des Moines River at Keosauqua, Iowa, 1903-1906.
- Raccoon River near Des Moines, Iowa, 1902-3.
- Illinois River near Minooka, Ill., 1903-4.
- Illinois River near Seneca, Ill., 1903.
- Illinois River near Ottawa, Ill., 1903-4.
- Illinois River near La Salle, Ill., 1903.
- Illinois River near Peoria, Ill., 1903-1906.
- Kankakee River at Davis, Ind., 1905-6.
- Kankakee River at Momence, Ill., 1905-6.
- Yellow River at Knox, Ind., 1905-6.
- Desplaines River above mouth of Jackson Creek near Channahon, Ill., 1903-1906.
- Desplaines River above Kankakee River, near Channahon, Ill., 1902-3.
- Fox River at Sheridan, Ill., 1905-6.
- Fox River at Ottawa, Ill., 1903.
- Sangamon River at Morticello, Ill., 1908 and 1910.
- Sangamon River at Decatur, Ill., 1905.
- Sangamon River at Riverton, Ill., 1908-1910.
- Sangamon River near Springfield, Ill., 1903.
- Sangamon River near Oakford, Ill., 1909-10.
- Sangamon River near Chandlerville, Ill., 1908.
- Sangamon River, South Fork, near Taylorville, Ill., 1908-1910.
- Salt Creek near Kenny, Ill., 1908-1910.
- Cahokia Creek at Poag, Ill., 1909-10.
- Kaskaskia River near Arcola, Ill., 1908-1910.
- Kaskaskia River at Shelbyville, Ill., 1908-1910.
- Kaskaskia River at Vandalia, Ill., 1908-1910.
- Kaskaskia River at Carlisle, Ill., 1908-1910.
- Kaskaskia River at New Athens, Ill., 1909-10.
- Shoal Creek near Breese, Ill., 1909-10.
- Silver Creek near Lebanon, Ill., 1908-1910.
- Big Muddy River near Cambon, Ill., 1908-1910.
- Beaucoup Creek near Pinckneyville, Ill., 1908-1910.

VI. MISSOURI RIVER BASIN.

- Red Rock River (head of Missouri) at Lima, Mont., 1907-1910.
 Red Rock River at Red Rock, Mont., 1890.
 Beaverhead River (continuation of Red Rock River) at Barratts, Mont., 1907-1910.
 Beaverhead River at Dillon, Mont., 1907.
 Jefferson River (continuation of Red Rock-Beaverhead River) near Sappinton, Mont., 1896-1905.
 Jefferson River near Silverstar, Mont., 1910.
 Missouri River near Townsend, Mont., 1895-1904.
 Missouri River at Canyon Ferry, Mont., 1889.
 Missouri River near Craig, Mont., 1890-1902.
 Missouri River at Cascade, Mont., 1902-1910.
 Missouri River at Great Falls, Mont., 1897-1905.
 Missouri River at Fort Benton, Mont., 1910.
 Missouri River near Williston, N. Dak., 1905-1907.
 Missouri River at Mannhaven, N. Dak., 1904.
 Missouri River at Washburn, N. Dak., 1905.
 Missouri River near Bismarck, N. Dak., 1904-5.
 Missouri River at Kansas City, Mo., 1905-6.
 Bighole River near Dewey, Mont., 1910.
 Pipestone Creek near Whitehall, Mont., 1910.
 Whitetail Creek near Whitehall, Mont., 1910.
 Madison River near Red Bluff, Mont., 1890-1893.
 Madison River near Norris, Mont., 1897-1905, 1910.
 Madison River near Three Forks, Mont., 1895-1897.
 West Gallatin River (head of Gallatin River) near Salesville, Mont., 1895-1905, 1910.
 West Gallatin River near Bozeman, Mont., 1889-1893.
 Gallatin River at Logan, Mont., 1895-1905.
 Middle Creek near Bozeman, Mont., 1895-6, 1898-1900, 1901.
 Crow Creek near Radersburg, Mont., 1903.
 Prickly Pear Creek near Clancy, Mont., 1908-1910.
 Prickly Pear Creek at East Helena, Mont., 1908-1910.
 Lump Gulch Creek at Clancy, Mont., 1908-1910.
 Tenmile Creek near Helena, Mont., 1908-1910.
 Sevenmile Creek near Birdseye, Mont., 1908-1910.
 Little Prickly Pear Creek near Marysville, Mont., 1909-10.
 Little Prickly Pear Creek near Canyon Creek, Mont., 1909-10.
 Deadman Creek near Marysville, Mont., 1909-10.
 Lost Horse Creek near Marysville, Mont., 1909-10.
 Marsh Creek near Marysville, Mont., 1909-10.
 Dearborn River near Clemons, Mont., 1908-1910.
 Falls Creek near Clemons, Mont., 1908-1910.
 Smith River at Truly, Mont., 1905-1907.
 Sun River, North Fork, near Augusta, Mont., 1899-90, 1903-1910.
 Sun River at Sun River, Mont., 1905-1910.
 Sun River near Great Falls, Mont., 1897.
 Willow Creek near Augusta, Mont., 1905-1910.
 Sun River, South Fork, at Augusta, Mont., 1904-1910.
 Ford Creek near Augusta, Mont., 1906-1910.
 Smith Creek near Augusta, Mont., 1906-1910.
 Belt Creek near Belt, Mont., 1905-6.
 Highwood Creek near Highwood, Mont., 1905-6.

Missouri River—Continued.

- Marias River near Shelby, Mont., 1902-1907.
 Two Medicine River near Midvale, Mont., 1902-3.
 Two Medicine River at Family, Mont., 1907-1910.
 Badger Creek near Family, Mont., 1907-1910.
 Cutbank Creek at Cutbank, Mont., 1905-1910.
 Birch Creek near Dupuyer, Mont., 1907-1910.
 Dupuyer Creek at Dupuyer, Mont., 1908-1910.
 Teton River at Chouteau, Mont., 1905-6.
 Teton River near Belleview (Strabone), Mont., 1905-6 and 1908-1910.
 Judith River near Lewistown, Mont., 1910.
 Musselshell River, North Fork (head of Musselshell River), near Delpine, Mont., 1909-10.
 Musselshell River, North Fork, near Martinsdale, Mont., 1907-1910.
 Musselshell River at Harlowton, Mont., 1907-1910.
 Musselshell River at Shawmut, Mont., 1902-1907.
 Musselshell River at Lavina, Mont., 1906.
 Checkerboard Creek near Delpine, Mont., 1909-10.
 Musselshell River, South Fork, near Martinsburg, Mont., 1907-1910.
 American Fork near Harlowton, Mont., 1907-1910.
 Lebo Creek near Harlowton, Mont., 1907-1910.
 Milk River, South Fork (head of Milk River), near Browning, Mont., 1905-1910.
 Milk River at Havre, Mont., 1908-1910.
 Milk River at Chinook, Mont., 1897.
 Milk River at Malta, Mont., 1902-1910.
 Milk River at Hinsdale, Mont., 1908-1910.
 Milk River, West Fork, at Chinook, Mont., 1906-1909.
 Milk River, North Fork, near Chinook, Mont., 1906-1910.
 Beaver Creek near Saco (Ashfield), Mont., 1903-1906 and 1908-1910.
 Beaver Creek overflow near Bowdoin, Mont., 1903-1906 and 1908-1910.
 Rock Creek near Hinsdale, Mont., 1905-1907.
 Porcupine Creek near Nashua, Mont., 1908-1910.

CANALS IN THE MILK RIVER BASIN.

- Paradise Valley canal near Chinook, Mont., 1903-1909.
 Cook canal near Chinook, Mont., 1905-1910.
 Matheson canal near Chinook, Mont., 1905-6 and 1908-1910.
 Reser ditch near Chinook, Mont., 1905-6.
 West Fork ditch near Chinook, Mont., 1905-6.
 Harlem canal near Zurich, Mont., 1904-1906 and 1908-1910.
 Agency ditch near Harlem, Mont., 1905-1910.
 Fort Belknap canal near Chinook, Mont., 1903-1910.
 Winter Anderson canal near Chinook, Mont., 1906 and 1908.
 Rock Creek canal near Hinsdale, Mont., 1905-1907.
 Little Porcupine Creek near Frazer, Mont., 1908-1910.
 Wolf Creek at Wolf Point, Mont., 1908-1910.
 Wolf Point ditch at Wolf Point, Mont., 1909-10.
 Poplar Creek near Poplar, Mont., 1908-1910.
 Big Muddy River near Culbertson, Mont., 1908-1910.
 Yellowstone River at Corwin Springs, Mont., 1910.
 Yellowstone River near Horr, Mont., 1888-1893.
 Yellowstone River at Livingston, Mont., 1897-1905.
 Yellowstone River at Billings, Mont., 1904-5.
 Yellowstone River at Huntley, Mont., 1907-1910.

Missouri River—Continued.

- Yellowstone River at Junction, Mont., 1906-7.
- Yellowstone River at Glendive, Mont., 1897-1910.
- Big Timber Creek, North Fork, near Big Timber, Mont., 1907-1910.
- Big Timber Creek, South Fork, near Big Timber, Mont., 1907-1910.
- Boulder River near Contact, Mont., 1910.
- Boulder River, East Fork, near McLeod, Mont., 1907-1909.
- Boulder River, West Fork, near Bruffeys, Mont., 1907-1910.
- Boulder River, West Fork, near McLeod, Mont., 1907-1910.
- Sweetgrass Creek above Melville, Mont., 1907-1910.
- Sweetgrass Creek below Melville, Mont., 1907-1910.
- Stillwater River near Absarokee, Mont., 1910.
- Rosebud Creek at Absarokee, Mont., 1910.
- Clark Fork at Fromberg, Mont., 1906-1910.
- Pryor Creek near Huntley, Mont., 1904-1910.
- Big Wind River (head of Bighorn) near Wind River, Wyo., 1908-9.
- Big Wind River near Riverton, Wyo., 1906-1908.
- Bighorn River at Thermopolis, Wyo., 1900-1905 and 1910.
- Bighorn River near Hardin, Mont., 1904-1910.
- Red River near Dubois, Wyo., 1909.
- Dinwoody Creek near Crowheart, Wyo., 1909.
- Dry Creek at Crowheart, Wyo., 1909.
- Meadow Creek near J. K. ranch, Wyo., 1909.
- Willow Creek at J. K. ranch, Wyo., 1909.
- Bull Lake Creek near J. K. ranch, Wyo., 1909.
- Little Wind River at Fort Washakie, Wyo., 1908-9.
- Little Wind River above Arapahoe Agency, Wyo., 1906-1909.
- Little Wind River below Arapahoe Agency, Wyo., 1906-1909.
- Little Wind River, South Fork, near Wind River, Wyo., 1909.
- St. Lawrence Creek near Wind River, Wyo., 1909.
- Trout Creek at Wind River, Wyo., 1909.
- Little Popo Agie River at Hudson, Wyo., 1907-1909.
- Owl Creek near Thermopolis, Wyo., 1910.
- No Wood River at Bonanza, Wyo., 1910.
- Ten Sleep Creek near Ten Sleep, Wyo., 1910.
- Paint Rock Creek near Bonanza, Wyo., 1910.
- Grey Bull River near Meeteetse, Wyo., 1897, 1903, 1910.
- Wood River near Meeteetse, Wyo., 1910.
- Shoshone River at Cody, Wyo., 1902-1910.
- Shoshone River at Corbett Dam, Wyo., 1908-1910.
- Shoshone River near Lovell, Wyo., 1897-1899.
- Shoshone River, South Fork, at Marquette, Wyo., 1903-1908.
- Little Bighorn River at Crow Agency, Mont., 1905-6.
- Prairie Dog ditch near Story, Wyo., 1903.
- Tongue River near Dayton, Wyo., 1903.
- Big Goose Creek near Sheridan, Wyo., 1895-1897.
- Little Goose Creek near Sheridan, Wyo., 1896-97.
- Powder River:
 - Clear Creek at Buffalo, Wyo., 1896-1904.
 - Piney Creek at Kearney, Wyo., 1902-1906.
 - Cruetz ditch near Story, Wyo., 1903.
- Little Muddy River near Williston, N. Dak., 1904-1909.
- Little Missouri River at Alzada, Mont., 1904-1906.
- Little Missouri River at Camp Crook, S. Dak., 1903-1906.

Missouri River—Continued.

- Little Missouri River at Medora, N. Dak., 1903-1908.
- Knife River near Broncho, N. Dak., 1903-1910.
- Painted Woods Creek near Washburn, N. Dak., 1909-10.
- Turtle Creek near Washburn, N. Dak., 1909-10.
- Heart River near Richardton, N. Dak., 1903-1910.
- Apple Creek near Bismarck, N. Dak., 1905.
- Cannon Ball River at Stevenson, N. Dak., 1903-1909.
- Grand River, North Fork, at Haley, N. Dak., 1908-1910.
- Grand River near Seim, S. Dak., 1904-1906.
- Owl (Moreau) River near Bixby, S. Dak., 1904-1906.
- Cheyenne River at Edgemont, S. Dak., 1903-1906.
- Beaver Creek near Edgemont, S. Dak., 1905-6.
- Hat Creek near Edgemont, S. Dak., 1905-6.
- Battle Creek near Hermosa, S. Dak., 1903.
- Spring Creek near Rapid, S. Dak., 1903-1906.
- Rapid Creek at Rapid, S. Dak., 1903-1906.
- Box Elder Creek at Blackhawk, S. Dak., 1903-1905.
- Corbin-Morse ditch at Rapid, S. Dak., 1906.
- Elk Creek near Piedmont, S. Dak., 1903.
- Belle Fourche River at Bellefourche, S. Dak., 1903-1906.
- Belle Fourche River near Bellefourche, S. Dak., 1906.
- Redwater River at Bellefourche, S. Dak., 1903-1906.
- Redwater River near Minnesela, S. Dak., 1903.
- Redwater Canal at Minnesela, S. Dak., 1904-1906.
- Spearfish Creek near Spearfish, S. Dak., 1903-1906.
- Crow Creek near Bellefourche, S. Dak., 1904.
- Owl Creek near Bellefourche, S. Dak., 1904.
- Indian Creek near Bellefourche, S. Dak., 1904.
- White River at Interior, S. Dak., 1904-1906.
- Niobrara River near Valentine (Fort Niobrara), Nebr., 1897, 1899, 1901-1906.
- Niobrara River near Spencer, Nebr., 1908.
- Niobrara River near Niobrara, Nebr., 1902, 1910.
- Red Deer Lake (head of Plum Creek) near Woodlake, Nebr., 1904-5.
- James River near Lamoure, N. Dak., 1903.
- Big Sioux River near Watertown, S. Dak., 1900-1903.
- Big Sioux River near Sioux Falls, S. Dak., 1900-1901.
- Grizzly Creek at Hebron, Colo., 1904-5.
- North Platte River (head of Platte River) near Hebron, Colo., 1904-5.
- North Platte River near Cowdrey, Colo., 1904-5.
- North Platte River near Pinkhampton, Colo., 1904.
- North Platte River at Saratoga, Wyo., 1903-1906, 1909.
- North Platte River at Pathfinder, Wyo., 1905-1910.
- North Platte River at Alcova, Wyo., 1904-5.
- North Platte River near Douglas, Wyo., 1894.
- North Platte River near Orin Junction, Wyo., 1895-1900.
- North Platte River near Fort Laramie, Wyo., 1887-1889.
- North Platte River at Guernsey, Wyo., 1900-1908.
- North Platte River at Whalen, Wyo., 1909.
- North Platte River and Interstate Canal at Whalen, Wyo., 1910.
- North Platte River near Mitchell, Nebr., 1901-1910.
- North Platte River near Gering, Nebr., 1897-1900.
- North Platte River near Camp Clark, Nebr., 1896-1900.
- North Platte River at Bridgeport, Nebr., 1902-1906.

Missouri River—Continued.

- North Platte River at North Platte, Nebr., 1894-1910.
 Platte River near Lexington, Nebr., 1902-1906.
 Platte River at Columbus, Nebr., 1895-1910.
 Platte River near South Bend, Nebr., 1903.
 Little Grizzly Creek at Hebron, Colo., 1904-5.
 North Platte, Roaring Fork, near Hebron, Colo., 1904-5.
 North Platte, North Fork, at Higho, Colo., 1904-5.
 Michigan Creek near Walden, Colo., 1904-5.
 Michigan Creek near Cowdrey, Colo., 1904-5.
 Canadian River at Cowdrey, Colo., 1904-5.
 Grand Encampment Creek near Peryam's ranch, Wyo., 1900.
 Medicine Bow River near Medicine Bow, Wyo., 1901.
 Sweetwater River near Splitrock, Wyo., 1902-3.
 Laramie River at Glendevey, Colo., 1904-5, 1910.
 Laramie River near Jelm, Wyo., 1904-5.
 Laramie River near Woods Landing, Wyo., 1895-1900.
 Laramie River near Uva, Wyo., 1895-1900, 1903.
 McIntyre Creek near Gleneyre, Colo., 1904-5.
 Little Laramie River near Hatton, Wyo., 1902-3.
 Little Laramie River near Laramie, Wyo., 1903.
 South Platte, South Fork (head of South Platte), near Cheeseman Lake, Colo., 1899-1901.
 South Platte, South Fork, at Fairplay, Colo., 1910.
 South Platte, South Fork, at Lake George, Colo., 1910.
 South Platte, South Fork, at South Platte, Colo., 1905-1910.
 South Platte River at South Platte, Colo., 1902-1910.
 South Platte River near Deansbury (Platte Canyon), Colo., 1887-1892, 1895-1900.
 South Platte River at Denver, Colo., 1895-1906, 1909-10.
 South Platte River near Kersey, Colo., 1901-1903, 1905-1910.
 South Platte River near Orchard, Colo., 1895-1900.
 South Platte River near Julesburg, Colo., 1902-1906, 1908-1910.
 South Platte River near Big Spring, Nebr., 1902-3.
 Tarryall Creek near Jefferson, Colo., 1910.
 Tarryall Creek near Hayman, Colo., 1910.
 Jefferson Creek near Jefferson, Colo., 1910.
 Michigan Creek near Jefferson, Colo., 1910.
 Goose Creek near Cheeseman Lake, Colo., 1899.
 South Platte River, North Fork, at Grant, Colo., 1910.
 South Platte River, North Fork, at Cassells, Colo., 1908-1910.
 South Platte River, North Fork, at South Platte, Colo., 1909-10.
 Geneva Creek above Jackwhacker Creek, near Grant, Colo., 1909-10.
 Geneva Creek at Old Geneva smelter, near Grant, Colo., 1909-10.
 Geneva Creek at Sullivan's ranch, near Grant, Colo., 1908-1910.
 Smelter Creek at Old Geneva smelter, near Grant, Colo., 1909-10.
 Duck Lake Creek near Grant, Colo., 1909-10.
 Scott Gomer Creek at Geneva Power Co.'s dam site, Colo., 1909.
 Scott Gomer Creek at Sullivan's ranch, near Grant, Colo., 1909-10.
 Bear Creek near Morrison, Colo., 1888-1891, 1895-1902.
 Clear Creek at Forkscreek, Colo., 1899-1910.
 Clear Creek at Idaho Springs, Colo., 1910.
 Clear Creek at Golden, Colo., 1897-98 and 1909.

Missouri River—Continued.

Platte River—Continued.

South Platte River—Continued.

St. Vrain Creek near Lyons, Colo., 1888-1892, 1895-1903, 1909.

Boulder Creek at Orodell, Colo., 1907-8, 1910.

Boulder Creek near Boulder, Colo., 1888-1892, 1895-1901, 1907-1909.

North Boulder Creek near Boulder, Colo., 1887-1890.

South Boulder Creek near Marshall, Colo., 1888-1892, 1895-1901,
and 1909.

Community canal near Marshall, Colo., 1909.

Big Thompson Creek near Arkins, Colo., 1888-1890, 1895-1903, 1909.

Big Thompson Creek near Loveland, Colo., 1888-1890.

Handy ditch near Arkins, Colo., 1899-1900, 1903.

Cache la Poudre River near Elkhorn, Colo., 1909-10.

Cache la Poudre River near Fort Collins, Colo., 1909-10.

Cache la Poudre River at mouth of canyon near Fort Collins, Colo.,
1884-1901, 1910.

Cache la Poudre River near Greeley, Colo., 1903.

Middle Crow Creek near Hecla, Wyo., 1902-3.

Loup River at Columbus, Nebr., 1894-1910.

Middle Loup River near St. Paul, Nebr., 1895, 1897, 1899, 1903.

North Loup River near St. Paul, Nebr., 1895, 1897, 1899, 1903.

Elkhorn River near Norfolk, Nebr., 1896-1903.

Elkhorn River near Arlington, Nebr., 1898-1903.

Elkhorn River, South Fork, near Norfolk, Nebr., 1896.

Republican River, North Fork (head of Kansas River), near Benkleman, Nebr.,
1895.

Republican River at Benkleman, Nebr., 1903-1906.

Republican River at Bostwick, Nebr., 1904-1910.

Republican River near Superior, Nebr., 1896-1903.

Republican River at Junction, Kans., 1895-1905.

Kansas River near St. George, Kans., 1904.

Kansas River near Topeka, Kans., 1904.

Kansas River near Lecompton, Kans., 1899-1901, 1903-1906.

Kansas River near Lawrence, Kans., 1895-1899.

Republican River, South Fork, at Benkleman, Nebr., 1895, 1903-1906.

Frenchman River near Wauneta, Nebr., 1895.

Frenchman River near Palisade, Nebr., 1895-6.

Smoky Hill River at Ellsworth, Kans., 1895-1902, 1904-5.

Smoky Hill River at Solomon, Kans., 1902-1904.

Beaver (Ladder) Creek near Scott City, Kans., 1904-5.

Saline River near Salina, Kans., 1895-1903.

Solomon River near Niles, Kans., 1895-1903.

Big Blue River (head of Blue River) at Beatrice, Nebr., 1910.

Blue River at Manhattan, Kans., 1895-1905.

Little Blue River near Fairbury, Nebr., 1908-1910.

Osage River at Ottawa, Kans., 1902-1905.

Gasconade River at Arlington, Mo., 1903-1906.

Gasconade River, Piney Fork, near Houston, Mo., 1908.

Gasconade River, Piney Fork, near Hooker, Mo., 1903. (Also called Big
Piney Creek.)

Little Piney Creek near Arlington, Mo., 1903.

VII. LOWER MISSISSIPPI RIVER BASIN.

MERAMEC RIVER BASIN.

- Meramec River near Meramec, Mo., 1903-1906.
- Meramec River near Eureka, Mo., 1903-1906.
- Meramec River (Station No. 1) at Fenton, Mo., 1903.
- Meramec River (Station No. 2) below Fenton, Mo., 1903.
- Meramec Spring near Meramec, Mo., 1903-1906.
- Courtois Creek at Scotia, Mo., 1905-6.

WHITE RIVER BASIN.

- White River at Beaver, Ark., 1909-10.
- White River near Branson, Mo., 1909-10.
- White River near Lead Hill, Ark., 1909-10.
- White River near Cotter, Ark., 1909-10.
- White River at Walls Ferry, Ark., 1909-10.
- Buffalo River near Gilbert, Ark., 1909-10.
- North Fork River near Henderson, Ark., 1909-10.
- Greer Spring at Greer, Mo., 1904.
- Little Red River near Pangburn, Ark., 1909-10.

ARKANSAS RIVER BASIN.

- Arkansas River, East Fork (head of Arkansas), near Leadville, Colo., 1890, 1903.
- Arkansas River at Granite, Colo., 1895, 1897-1899, 1901, 1910.
- Arkansas River at Salida, Colo., 1895-1903, 1909-10.
- Arkansas River at Canon City, Colo., 1888-1910.
- Arkansas River near Rock Canyon, Colo., 1889.
- Arkansas River above Pueblo, Colo., 1885-1887.
- Arkansas River at Pueblo, Colo., 1894-1910.
- Arkansas River near Nepesta, Colo., 1897-1903, 1910.
- Arkansas River near Manzanola, Colo., 1898.
- Arkansas River near Rocky Ford, Colo., 1897-1903.
- Arkansas River at La Junta, Colo., 1889, 1893-1895, 1903, 1908.
- Arkansas River near Las Animas, Colo., 1898.
- Arkansas River near Prowers, Colo., 1900, 1901, 1903.
- Arkansas River near Amity canal head-gates, Colo., 1898-99.
- Arkansas River near Granada, 1898-1901, 1904.
- Arkansas River near Barton (Byron), Colo., 1893-94, 1901-2.
- Arkansas River at Holly, Colo., 1907-1910.
- Arkansas River near Syracuse, Kans., 1903-1906.
- Arkansas River near Coolidge, Kans., 1903.
- Arkansas River near Dodge, Kans., 1902-1906.
- Arkansas River near Hutchinson, Kans., 1895-1905.
- Arkansas River near Arkansas City, Kans., 1902-1906.
- Arkansas River, Tennessee Fork, near Leadville, Colo., 1890, 1903.
- Arkansas River, Lake Fork, near Arkansas Junction, Colo., 1903.
- Arkansas River, Lake Fork, near Leadville, Colo., 1890.
- Lake Creek near Twin Lakes, Colo., 1899-1900.
- Twin Lakes outlet near Twin Lakes, Colo., 1910.
- Clear Creek near Granite, Colo., 1890, 1910.
- Cottonwood Creek near Buena Vista, Colo., 1910.
- Cottonwood Creek, Middle Fork, near Buena Vista, Colo., 1890.
- Cottonwood Creek, South Fork, near Buena Vista, Colo., 1890.
- Chalk Creek near Buena Vista, Colo., 1910.

Arkansas River—Continued.

- Grape Creek near Canon City, Colo., 1907-1909.
 Oil or Fourmile Creek near Canon City, Colo., 1910.
 Huerfano River near Undercliffe, Colo., 1908.
 Cucharas River at Walsenburg, Colo., 1907-8.
 Purgatory River at Trinidad, Colo., 1896-1899, 1905-1910.
 Purgatory River near canyon entrance (Alfalfa), Colo., 1905-1907.
 Purgatory River near J. J. ranch, Colo., 1898.
 Purgatory River near Las Animas, Colo., 1889.
 Big Sandy Creek at Hugo, Colo., 1910.
 Big Sandy Creek at Kit Carson, Colo., 1910.
 Big Spring Creek near Arena, Colo., 1910.
 Walnut River near Arkansas City, Kans., 1902-3.
 Arkansas River, Salt Fork, near Alva, Okla., 1904-5.
 Arkansas River, Salt Fork, near Tonkawa, Okla., 1903-1905.
 Medicine River near Kiowa, Kans., 1895-96.
 Cimarron River near Arkalon, Kans., 1895-96, 1903-1905.
 Cimarron River near Kenton, Okla., 1904-5.
 Cimarron River near Garrett, Okla., 1905-1907.
 Cimarron River near Waynoka, Okla., 1903-1905.
 Verdigris River near Independence, Kans., 1904.
 Verdigris River near Liberty, Kans., 1895-1903.
 Verdigris River near Catoosa, Okla., 1903-1905.
 Fall River near Fall River, Kans., 1904-5.
 Neosho River near Neosho Rapids, Kans., 1904.
 Neosho River near Iola, Kans., 1895-1903.
 Neosho River near Humboldt, Kans., 1904.
 Neosho River (or Grand River) near Fort Gibson, Okla., 1899, 1903-1905.
 Canadian River near Logan, N. Mex., 1905, 1909-10.
 Canadian River at Calvin, Okla., 1904-1908.
 Chico Rico Creek near Raton, N. Mex., 1910.
 Una del Gato Creek near Raton, N. Mex., 1910.
 Cimarron River at Ute Park, N. Mex., 1907-1910.
 Cimarron River at Springer, N. Mex., 1907-1909.
 Rayado River at Abren's ranch, near Cimarron, N. Mex., 1909-10.
 Rayado River near Springer, N. Mex., 1907-1909.
 Mora River and La Cueva canal at La Cueva, N. Mex., 1903-1910.
 Mora River near Weber, N. Mex., 1903-4.
 Mora River near Watrous, N. Mex., 1894-1896.
 Sapello River at Sapello, N. Mex., 1903-4.
 Sapello Mill tailrace at Sapello, N. Mex., 1903-4.
 Sapello River at Los Alamos, N. Mex., 1903-1910.
 Manuelitos River near Sapello, N. Mex., 1903-4.
 Ute Creek near Logan, N. Mex., 1904-1906, 1909-10.
 Beaver Creek at Beaver, Okla., 1904-5.
 Canadian River, North Fork, near Woodward, Okla., 1903-1906.
 Canadian River, North Fork, near El Reno, Okla., 1902-1908.
 Canadian River, North Fork, near Oklahoma, Okla., 1899.
 Canadian River, North Fork, near Eufaula, Okla., 1899.
 Arkansas River canals:
 Oxford Farmers canal near Nepesta, Colo., 1903.
 Colorado-Kansas canal near Prowers, Colo., 1903.
 Keese ditch near Prowers, Colo., 1903.

YAZOO RIVER BASIN.

- Tallahatchie River at Batesville, Miss., 1906-1910.
- Tallahatchie River at Philipp, Miss., 1908-1910.
- Yazoo River at Greenwood, Miss., 1908-1910.
- Yazoo River at Yazoo City, Miss., 1900-1905.
 - Coldwater River at Savage, Miss., 1908-1910.
 - Yalobusha River at Grenada, Miss., 1906, 1908-1910.
 - Sunflower River at Ruleville, Miss., 1908-1910.
 - Sunflower River at Baird, Miss., 1908-1910.

HOMOCHITTO RIVER BASIN.

- Homochitto River at Rosetta, Miss., 1906.

RED RIVER BASIN.

- Red River at Arthur City, Tex., 1905-6.
- Red River, Salt Fork, at Mangum, Okla., 1905-6.
 - Turkey Creek at Olustee, Okla., 1905-1908.
- Red River, North Fork, near Granite, Okla., 1903-1908.
- Red River, North Fork, near Snyder, Okla., 1905.
- Red River, North Fork, near Headrick, Okla., 1905-1908.
 - Red River, Elm Fork, near Mangum, Okla., 1905-1908.
 - Elk Creek near Hobart, Okla., 1904-1908.
 - Otter Creek near Mountain Park, Okla., 1903-1908.
 - Horse Creek near Mountain Park, Okla., 1905-6.
 - Otter Creek, Dry Fork, near Mountain Park, Okla., 1905-6.
- Wichita River at Wichita Falls, Tex., 1910.
- Washita River near Anadarko, Okla., 1902-1908.
- Ouachita River near Malvern, Ark., 1903-1905.
- Ouachita River near Arkadelphia, Ark., 1905-6.

VIII. WESTERN GULF OF MEXICO BASINS.**SABINE RIVER BASIN.**

- Sabine River near Longview, Tex., 1904-1906.
- Sabine River at Logansport, La., 1903-1906.
 - Neches River at Evadale, Tex., 1904-1906.

TRINITY RIVER BASIN.

- Trinity River at Dallas, Tex., 1903-1906.
- Trinity River at Riverside, Tex., 1903-1906.

BRAZOS RIVER BASIN.

- Brazos River at Waco, Tex., 1898-1910.
- Brazos River at Richmond, Tex., 1903-1906.

COLORADO RIVER (OF TEXAS) BASIN.

- Colorado River at Austin, Tex., 1895-1910.
- Colorado River at Columbus, Tex., 1902-1910.
 - San Saba River near San Saba, Tex., 1904-1906.

GUADALUPE RIVER BASIN.

- Guadalupe River near Cuero, Tex., 1903-1906.

RIO GRANDE BASIN.

- Rio Grande at Thirtymile Bridge, near Creede, Colo., 1909-10.
- Rio Grande near Creede (Wason), Colo., 1907-1910.

- Rio Grande near Del Norte, Colo., 1889-1910, except 1907.
 Rio Grande near Lobatos (Cenicero), Colo., 1899-1910.
 Rio Grande near Alamosa, Colo., 1894, 1895, 1903.
 Rio Grande near Embudo, N. Mex., 1889-1903.
 Rio Grande near Buckman, N. Mex. (Rio Grande near Ildefonso), 1895-1905 and 1909-10.
 Rio Grande near San Marcial, N. Mex., 1895-1910.
 Rio Grande near El Paso, Tex., 1889-1893, 1897-1910.
 Rio Grande near Fort Hancock, Tex., 1900-1903.
 Rio Grande above and below Presidio, Tex., 1900-1910.
 Rio Grande near Langtry, Tex., 1900-1910.
 Rio Grande near Devils River (below mouth), Tex., 1900-1910.
 Rio Grande near Eagle Pass, Tex., 1900-1910.
 Rio Grande near Nuevo Laredo, Tamaulipas, Mexico, 1900-1903.
 Rio Grande near Laredo, Tex., 1903-1910.
 Rio Grande near Roma, Tex., 1900-1910.
 Rio Grande near Brownsville, Tex., 1900-1910.
 Clear Creek near Creede, Colo., 1910.
 Rio Grande, South Fork, near South Fork, Colo., 1910.
 San Luis Creek near Villa Grove, Colo., 1910.
 Saguache River near Saguache, Colo., 1910.
 Conejos River near Mogote, Colo., 1899, 1900, 1903-1910.
 Culebra River at San Luis, Colo., 1910.
 Rio Colorado above Questa, N. Mex., 1910.
 Rio Colorado below Questa, N. Mex., 1910.
 Rio Hondo near Arroyo Hondo, N. Mex., 1910.
 Rio Pueblo de Taos near Taos, N. Mex., 1910.
 Rio Pueblo de Taos at Los Cordovas, N. Mex., 1910.
 Rio Lucero near Taos, N. Mex., 1910.
 Rio Fernando de Taos near Taos, N. Mex., 1910.
 Chama River near Abiquiu, N. Mex., 1895-1897.
 Santa Fe Creek at Monument Rock, near Santa Fe, N. Mex., 1910.
 Santa Fe Creek at Santa Fe, N. Mex., 1907-1909.
 Santa Fe Water & Light Co.'s ditch near Santa Fe, N. Mex., 1910.
 Rio Puerco at Rio Puerco, N. Mex., 1910.
 Rio Puerco near La Joya, N. Mex., 1910.
 San Jose River near Suwanee, N. Mex., 1910.
 Mimbres River near Faywood, N. Mex., 1908-1910.
 Cameron Creek at Fort Bayard, N. Mex., 1907-1910.
 Stevens Creek at Fort Bayard, N. Mex., 1907-1910.
 Rio Tularoso at Mescaleo, N. Mex., 1910.
 Rio La Luz at La Luz, N. Mex., 1910.
 Pecos River at Cowles, N. Mex., 1910.
 Pecos River near Anton Chico, N. Mex., 1910.
 Pecos River at Santa Rosa, N. Mex., 1903-1906, 1910.
 Pecos River near Fort Sumner, N. Mex., 1904-1910.
 Pecos River near Roswell, N. Mex., 1903-1906.
 Pecos River near Dayton, N. Mex., 1905-1910.
 Pecos River near Lakewood, N. Mex., 1906-1910.
 Pecos River at Avalon, N. Mex., 1906-7.
 Pecos River at Carlsbad, N. Mex., 1903-1908.
 Pecos River near Pecos, Tex., 1898-1907.
 Margueretta flume near Pecos, Tex., 1898, 1900-1908.
 Pecos River near Moorhead, Tex., 1900-1910.

Rio Grande—Continued.

- Pecos River at High Bridge, near Lozier, Tex., 1898.
- Gallinas River near Las Vegas, N. Mex., 1903-1910.
- Taylor Moore ditch near Roswell, N. Mex., 1905.
- Hondo River below Hondo reservoir, N. Mex., 1903-1906.
- Hondo reservoir inlet near Hondo reservoir, N. Mex., 1906-1908.
- Hondo reservoir scour gage No. 1 near Hondo reservoir, N. Mex., 1906.
- Hondo River near Roswell, N. Mex., 1903-1906.
- Rio Ruidoso near Glencoe, N. Mex., 1910.
- Penasco River near Dayton, N. Mex., 1905-1908.
- Lake McMillan at Lakewood, N. Mex., 1906-7.
- Devils River near Devilsriver, Tex., 1900-1910.
- Rio Salado at Guerrero, Tamaulipas, Mexico, 1900-1910.
- Rio San Juan at La Quemada, Tamaulipas, Mexico, 1900-1902.
- Rio San Juan at Santa Rosalia ranch, Tamaulipas, Mexico, 1902-1910.

IX. COLORADO RIVER BASIN.

- Green River (head of Colorado) near Kendall, Wyo., 1910.
- Green River at Green River, Wyo., 1895-1906.
- Green River at Jensen, Utah, 1903-1906.
- Green River at Ouray, 1904-5.
- Green River at Greenriver, Utah, 1894-1899 and 1905-1910.
- Green River at Little Valley, Utah, 1910.
- Colorado River at Hardyville, Ariz., 1905-1907.
- Colorado River at Mohave City, Ariz., 1902-3.
- Colorado River at Yuma, Ariz., 1895-1909.
- Newfork Creek near (10 miles above) Cora, Wyo., 1910.
- Newfork River near (3 miles below) Cora, Wyo., 1905.
- Pine Creek near Pinedale, Wyo., 1904-1906 and 1910 (diversions between old and new stations).
- Pole Creek at Fayette, Wyo., 1904-1906.
- Pole Creek near Pinedale, Wyo., 1910.
- Fall Creek at Fayette, Wyo., 1904-5.
- Boulder Creek at Boulder (Newfork) Wyo., 1904-1906.
- Eastfork River at Newfork, Wyo., 1905-6.
- Green River, Black Fork, at Granger, Wyo., 1896-1900.
- Beaver Creek near Ladore, Colo., 1910.
- Vermillion Creek at Ladore, Colo., 1910.
- Yampa River at Yampa, Colo., 1910.
- Yampa River at Steamboat Springs, Colo., 1904-1906 and 1910.
- Yampa River at Craig, Colo., 1901-2, 1904-1906, and 1910.
- Yampa River at Maybell, Colo., 1904-5 and 1910.
- Terrible Creek:
 - Trout Creek at Pinnacle, Colo., 1910.
 - Soda Creek at Steamboat Springs, Colo., 1910.
 - Elk River at Clark, Colo., 1910.
 - Elk River near Trull, Colo., 1904-1906 and 1910.
- ☐ Sage Creek:
 - ☐ Fish Creek at Dunkley, Colo., 1910.
 - Elk Head Creek near Craig, Colo., 1906 and 1910.
 - Fortification Creek at Craig, Colo., 1905-6 and 1910.
 - Williams River near Hamilton, Colo., 1910.
 - Williams River at Hamilton, Colo., 1904-1906 and 1910.

Colorado River—Continued.

Yampa River—Continued.

Milk Creek at Axial, Colo., 1904-5.

Little Snake River at Dixon, Wyo., 1910.

Little Snake River at Maybell, Colo., 1904.

Slater Creek near Slater, Colo., 1910.

Ashley Creek at Vernal, Utah, 1900-1904.

Ashley Creek, Dry Fork, at Vernal, Utah, 1904.

White River,¹ North Fork, at Buford, Colo., 1903-1906 and 1910.

White River at Meeker, Colo., 1901-1906 and 1910.

White River at White River City, Colo., 1895.

White River at Rangely, Colo., 1904-5.

White River at Dragon, Utah, 1906.

White River at Ouray, Utah, 1904.

Marvine Creek near Buford, Colo., 1903-1906.

White River, South Fork, near Buford, Colo., 1903-1906 and 1910.

Duchesne River, North Fork (head of Duchesne River), above Forks, Utah, 1904.

Duchesne River at Myton, Utah, 1899-1910.

Duchesne River, West Fork, above Forks, Utah, 1904.

Rock Creek, (East Creek) 10 miles above mouth, Utah, 1904.

Strawberry River above mouth of Indian Creek, in Strawberry Valley, Utah, 1909-10.

Strawberry River below mouth of Indian Creek, in Strawberry Valley, Utah, 1903-1906 and 1908-9.

Strawberry River at Theodore, Utah, 1908-1910.

Indian Creek in Strawberry Valley, Utah, 1905-6 and 1909-10.

Trail Hollow Creek in Strawberry Valley, Utah, 1909-10.

Currant Creek 13 miles above mouth, Utah, 1904.

Currant Creek 3 miles above mouth, Utah, 1904.

Red Creek above Narrows, Utah, 1904.

Lake Fork, West Fork, 10 miles above Forks, Utah, 1904.

Lake Fork, below Forks, Utah, 1904, 1907-1910.

Lake Fork near Myton, Utah, 1900-1904, 1907-1910.

Lake Fork, East Fork, 8 miles above Forks, Utah, 1904.

Uinta River near Whiterocks, Utah, 1899-1904, 1907-1910.

Uinta River at Fort Duchesne, Utah, 1899-1904, 1906-1910.

Uinta River at Ouray School, Utah, 1899-1904.

Whiterocks River near Whiterocks, Utah, 1899-1904, 1907-1910.

Price River near Helper, Utah, 1904-1910.

San Rafael River near Greenriver, Utah, 1909-10.

Cottonwood Creek near Orangeville, Utah, 1909-10.

Ferron Creek near Ferron, Utah, 1909-10.

Huntington Creek near Huntington, Utah, 1909-10.

Grand River, North Fork, near Grand Lake, Colo., 1904-1910.

Grand River near Granby, Colo., 1908-1910.

Grand River at Sulphur Springs, Colo., 1904-1910.

Grand River near Kremmling, Colo., 1904-1910.

Grand River near Wolcott, Colo., 1906-1908.

Grand River at Shoshone, Colo., 1897.

Grand River at Glenwood Springs, Colo., 1899-1910.

Grand River near Palisades, Colo., 1902-1910.

Grand River near Grand Junction, Colo., 1895-1900.

¹ The station maintained in 1910 is 5 miles below the old station, but no large tributaries enter between.

Colorado River—Continued.

Grand River—Continued.

- North Inlet to Grand Lake at Grand Lake, Colo., 1905-1910.
- Grand Lake Outlet at Grand Lake, Colo., 1904-1910.
- Grand River, South Fork, near Lehman, Colo., 1907-8.
- Fraser River near Arrow, Colo., 1910.
- Fraser River at upper station near Fraser, Colo., 1908-1910.
- Fraser River at lower station near Fraser, Colo., 1907-1909.
- Fraser River at Granby (Coulter), Colo., 1904-1909.
 - Big Jim Creek near Fraser, Colo., 1907-1909.
 - Little Jim Creek near Fraser, Colo., 1907-1909.
 - Vasquez Creek at upper station near Fraser, Colo., 1908-9.
 - Vasquez Creek at lower station near Fraser, Colo., 1907-1909.
 - Elk Creek near Fraser, Colo., 1907-1909.
 - St. Louis Creek at upper station near Fraser, Colo., 1908-9.
 - St. Louis Creek at lower station near Fraser, Colo., 1908-9.
 - North Ranch Creek at upper station near Rollins Pass, Colo., 1908-9.
 - North Ranch Creek at lower station near Rollins Pass, Colo., 1907-1909.
 - Middle Ranch Creek at upper station near Arrow, Colo., 1908-9.
 - Middle Ranch Creek at lower station near Arrow, Colo., 1907-1909.
 - South Ranch Creek at upper station near Arrow, Colo., 1908-9.
 - South Ranch Creek at lower station near Arrow, Colo., 1907-1909.
- Williams Fork near Scholl, Colo., 1910.
- Williams Fork near Sulphur Springs, Colo., 1904-1910.
- Troublesome River at Troublesome, Colo., 1904-5.
- Muddy River at Kremmling, Colo., 1904-5.
- Blue River near Dillon, Colo., 1910.
- Blue River near Kremmling, Colo., 1904-1908.
 - Tenmile Creek near Kokomo, Colo., 1904.
 - Tenmile Creek near Uneva Lake, Colo., 1903.
 - Tenmile Creek near Dillon, Colo., 1910.
 - Snake River near Dillon, Colo., 1910.
- Eagle River near Eagle, Colo., 1905-1907.
- Eagle River at Gypsum, Colo., 1907-1909.
- Roaring Fork near Emma., Colo., 1908-9.
- Roaring Fork at Glenwood Springs, Colo., 1906-1910.
 - Frying Pan River at Basalt, Colo., 1908-9.
 - Crystal River near Marble, Colo., 1910.
 - Crystal River near Carbondale (Sewell), Colo., 1908-9.
- West Divide Creek at Hostutler's ranch, near Raven, Colo., 1909-10.
- West Divide Creek at Raven, Colo., 1909-10.
- West Mamm Creek near Rifle, Colo., 1909-10.
- Taylor River near Almont, Colo., 1905 and 1910.
- Gunnison River at Gunnison, Colo., 1910.
- Gunnison River near Iola, Colo., 1900-1903.
- Gunnison River near Cimarron, Colo., 1903-1905.
- Gunnison River at River Portal (east portal of Gunnison Tunnel), Colo., 1905-1910.
- Gunnison River near Cory, Colo., 1903-1905.
- Gunnison River at Roubideau, Colo., 1897.
- Gunnison River at Whitewater, Colo., 1897, 1901-1906.
- Gunnison River near Grand Junction, Colo., 1895, 1897-1899.
 - East River at Almont, Colo., 1905 and 1910.
 - Cement Creek near Crested Butte, Colo., 1910.

Colorado River—Continued.

Grand River—Continued.

Gunnison River—Continued.

Tomichi Creek near Gunnison, Colo., 1910.

Quartz Creek near Pitkin, Colo., 1910.

Cimarron Creek at Cimarron, Colo., 1903-1905.

Gunnison River, North Fork, near Hotchkiss, Colo., 1903-1906.

Uncompahgre River near Colona, Colo., 1903-1906.

Uncompahgre River near Ouray, Colo., 1908.

Uncompahgre River near Fort Crawford, Colo., 1910.

Uncompahgre River at Fort Crawford, Colo., 1895-1899, 1908-1910.

Uncompahgre River at Montrose, Colo., 1900, 1903-1910.

Uncompahgre River near Delta, Colo., 1903-1910.

Dolores River near Dolores, Colo., 1895-1903 and 1910.

San Miguel River near Fall Creek, Colo., 1895-1899 and 1910.

San Miguel River near Placerville, Colo., 1910.

Fremont River near Thurber, Utah, 1909.

Muddy Creek near Emery, Utah, 1909.

Escalante Creek near Escalante, Utah, 1909.

San Juan River at Arboles, Colo., 1895-1899 and 1910.

San Juan River at Turley, N. Mex., 1907-8.

San Juan River at Blanco, N. Mex., 1908-1910.

San Juan River near Bloomfield, N. Mex., 1909-10.

San Juan River near Farmington, N. Mex., 1904-1906.

San Juan River near Shiprock, N. Mex., 1910.

Piedra River near Arboles, Colo., 1895-1899 and 1910.

Los Pinos River at Ignacio, Colo., 1899-1903 and 1910.

Animas River at Silverton, Colo, 1903.

Animas River at Durango, Colo., 1895-1905 and 1910.

Animas River at Aztec, N. Mex., 1904, 1907-1910.

Animas River near Farmington, N. Mex., 1904-5.

Florida River near Durango, Colo., 1899, 1901-1903, and 1910.

La Plata River at Hesperus, Colo., 1904-1906 and 1910.

La Plata River at La Plata, N. Mex., 1905-1910.

Mancos River at Mancos, Colo., 1898-1900.

West Mancos River near Mancos, Colo., 1910.

Little Colorado River, at St. Johns, Ariz., 1906-1910.

Little Colorado River, at Woodruff, Ariz., 1905-1908.

Little Colorado River, at Holbrook, Ariz., 1905-1910.

Silver Creek at Snowflake, Ariz., 1906-1908.

Silver Creek at Canyon Station, Ariz., 1906.

Woodruff ditch at Woodruff, Ariz., 1906.

Chevelon Fork near Winslow, Ariz., 1906-1908.

Clear Creek near Winslow, Ariz., 1906-1910.

Virgin River at Virgin, Utah, 1909-10.

Santa Clara River near Central, Utah, 1909-10.

Santa Clara River near St. George, Utah, 1909-10.

Muddy River near Moapa, Nev., 1904-1906 and 1910.

Bill Williams Fork, Planet, Ariz., 1910.

Gila River near Cliff, N. Mex., 1904-1907.

Gila River near Redrock, N. Mex., 1908-1910.

Gila River near Guthrie, Ariz., 1910.

Gila River at San Carlos, Ariz., 1899-1905 and 1910.

Gila River near Kelvin, Ariz., 1910.

Colorado River—Continued.

- Gila River near Buttes, Ariz., 1889-1890 and 1895-1899.
- Gila River at Dome (Gila City), Ariz., 1903-1906.
 - San Francisco River at Alma, N. Mex., 1904-1907 and 1909-10.
 - San Francisco River at dam above Clifton, Ariz., 1910.
 - San Francisco River at Clifton, Ariz., 1910.
 - Whitewater Creek near Mogollon, N. Mex., 1910.
 - San Carlos River near San Carlos, Ariz., 1910.
 - San Pedro River at Charleston, Ariz., 1904-1906 and 1910.
 - San Pedro River near Dudleyville, Ariz., 1890.
 - Santa Cruz River near Nogales, Ariz., 1907 and 1909.
 - Santa Cruz River and ditches at Tuscon, Ariz., 1905-1909.
 - Queens Creek at Whitlow's, Ariz., 1896.
 - Salt River at Roosevelt, Ariz., 1901-1907.
 - Salt River below mouth of Cherry Creek, near Roosevelt, Ariz., 1906.
 - Salt River 50 miles above Phoenix, Ariz., 1890.
 - Salt River at Arizona dam, Ariz., 1888-1891.
 - Salt River at McDowell, Ariz., 1888-1910.
 - Tonto Creek at Roosevelt, Ariz., 1901-1904.
 - Verde River at McDowell, Ariz., 1888-1910.
 - Verde River at Camp Childs, Ariz., 1910.
 - Agua Fria River near Glendale, Ariz., 1910.
 - Hassayampa River near Wickenburg, Ariz., 1910.
- Salton Sea near Salton, Cal., 1904-1909.
 - Alamo River near Brawley, Cal., 1908-9.
 - New River near Brawley, Cal., 1908-9.

CANAL STATIONS IN COLORADO RIVER BASIN.

- Imperial canal (main) near Calexico, Cal., 1904-5.
- Boundary canal near Calexico, Cal., 1905.
- Wisteria canal near Calexico, Cal., 1905.
- Imperial canal 10 miles below Yuma, Ariz., Mexican boundary line, 1903-1905.
- Holt canal at Calexico, Cal., 1904-5.
- Hemlock canal at Calexico, Cal., 1904-5.
- Alamo channel near Calexico, Cal., 1904.
- Alamitos canal near Calexico, Cal., 1904-5.

X. GREAT BASIN.**WASATCH MOUNTAINS DRAINAGE BASINS.****GREAT SALT LAKE BASIN.**

- Great Salt Lake at Saltair, Utah, 1904.
- Great Salt Lake at Garfield Beach gage, Utah, 1875-1899.
 - Bear River at Dingle, Idaho, 1903-1910.
 - Bear River near Preston, Idaho, 1889-1910.
 - Bear River near Collinston, Utah, 1889-1910.
 - Bear Lake at Fishhaven, Idaho, 1904-1906.
 - Cub Creek near Franklin, Idaho, 1900-1901.
 - Logan River near Logan, Utah, 1896-1910.
 - Logan, Hyde Park, and Smithfield canal, 1904, 1906-7, 1909-10.
 - Blacksmith Fork near Hyrum, Utah, 1900-1910.
 - Blacksmith Fork power plant race near Hyrum, Utah, 1904-1910.
 - Box Elder Creek at Brigham, Utah, 1909-10.

Great Salt Lake—Continued.

- Weber River near Oakley, Utah, 1904-1910.
 Weber River at Devils Slide (Croydon), Utah, 1905-1910.
 Weber River near Uinta, Utah, 1889-1901, 1903.
 Weber River near Plain City, Utah, 1903-1910.
 Lost Creek near Croydon, Utah, 1905.
 Chalk Creek at Coalville, Utah, 1904-5.
 Ogden River at Ogden, Utah, 1895-1901.
 Jordan River near Lehi, Utah, 1904.
 Utah Lake near Spanish Fork, Utah, 1895-6.
 Utah Lake near Outlet, Utah, 1896-1900.
 Santaquin Creek near Santaquin, Utah, 1910.
 Payson Creek near Payson, Utah, 1908-1910.
 Spanish Fork at Thistle, Utah, 1909-10.
 Spanish Fork near Spanish Fork, Utah, 1900-1910.
 United States Reclamation Service power canal near Spanish Fork,
 Utah, 1909-10.
 Spanish Fork near Mapleton, Utah, 1900-1901.
 Spanish Fork near Lake Shore, Utah, 1903-1907, 1909-10.
 Diamond Fork near Thistle, Utah, 1908-1910.
 Hobble Creek near Springville, Utah, 1904-1910.
 Maple Creek near Springville, Utah, 1910.
 Provo River above Telluride Power Company's dam near Provo, Utah,
 1905-1910.
 Provo River at mouth of canyon, near Provo, Utah, 1889-1906.
 Provo River at Denver & Rio Grande Railroad bridge near Provo, Utah
 1905.
 Provo River at San Pedro, Los Angeles & Salt Lake Railroad bridge
 near Provo, Utah, 1903-4.
 American Fork River near American Fork, Utah, 1900-1, 1093-1905.
 Little Cottonwood Creek near Salt Lake City, Utah, 1898-1909.
 Big Cottonwood Creek near Salt Lake City, Utah, 1898-1909.
 Mill Creek near Salt Lake City, Utah, 1898-1909.
 Parley's Creek near Salt Lake City, Utah, 1898-1909.
 Emigration Creek near Salt Lake City, Utah, 1898-1909.
 City Creek near Salt Lake City, Utah, 1898-1909.

SEVIER LAKE BASIN.

- Sevier River near Marysvale, Utah, 1906-1910.
 Sevier River near Gunnison, Utah, 1900-1910.
 Sevier River near Leamington, Utah, 1889-1893.
 Salina Creek near Salina, Utah, 1900.
 San Pitch River near Gunnison, Utah, 1900-1905.
 Manti Creek near Manti, Utah, 1900.
 Beaver River near Beaver, Utah, 1906.
 Beaver River near Minersville, Utah, 1909-10.
 South Creek near Beaver, Utah, 1906.
 Minersville canal at Minersville, Utah, 1906.
 North Fork of North Creek near Beaver, Utah, 1906.
 South Fork of North Creek near Beaver, Utah, 1906.
 Indian Creek near Beaver, Utah, 1906.

THOUSAND SPRING CREEK BASIN.

- Thousand Spring Creek near Tecoma, Nev., 1910.

HUMBOLDT RIVER.

- Humboldt River near Elko, Nev., 1895-1902.
- Humboldt River at Palisade, Nev., 1902-1906.
- Humboldt River at Battle Mountain, Nev., 1896-97.
- Humboldt River near Golconda, Nev., 1894-1910.
- Humboldt River near Oreana, Nev., 1896-1910.
 - Bishop Creek near Wells, Nev., 1910.
 - Marys River near Deeth, Nev., 1902-3.
 - Humboldt River, North Fork, near Peko, Nev., 1898-1900.
 - Humboldt River, North Fork, near Halleck, Nev., 1902-1910.
 - Humboldt River, South Fork, near Elko, Nev., 1896-1910.
 - Pine Creek near Palisades, Nev., 1902-1904.
 - Rock Creek near Battle Mountain, Nev., 1896.

SIERRA NEVADA BASINS.**TRUCKEE RIVER BASIN.**

- Lake Tahoe at Tahoe, Cal., 1900-1910.
- Truckee River at Tahoe, Cal., 1895, 1900-1910.
- Truckee River near Boca, Cal., 1890.
- Truckee River at Nevada-California State line, 1899-1910.
- Truckee River near Laughtons, Nev., 1890.
- Truckee River at Reno, Nev., 1906-1910.
- Truckee River near Essex, Nev., 1889.
- Truckee River at Vista, Nev., 1890-91, 1899-1907.
- Truckee River at Darby dam, Nev., 1907-1909.
- Truckee River near Wadsworth, Nev., 1902-1905.
- Lake Winnemucca Inlet near Wadsworth, Nev., 1902-1905.
 - Donner Creek near Truckee, Cal., 1902-1910.
 - Prosser Creek near Hobart Mills, Cal., 1903-4, 1907-1910.
 - Prosser Creek near Boca, Cal., 1889-90, 1902-3.
 - Independence Creek below Independence Lake, Cal., 1902-1907.
 - Little Truckee River at Pine Station and Starr, Cal., 1903-1910.
 - Little Truckee River near Boca, Cal., 1890.
 - Steamboat Creek at Steamboat Springs, Nev., 1900-1901.

WALKER RIVER BASIN.

- Walker River, East Fork (head of Walker River), near Mason, Nev., 1910.
- Walker River, East Fork, near Yerington, Nev., 1902-1908.
- Walker River near Mason, Nev., 1910.
- Walker River near Nordyke, Nev., 1895.
- Walker River near Wabuska, Nev., 1902-1908.
 - Robinson Creek near Bridgeport, Cal., 1910.
 - Buckeye Creek near Bridgeport, Cal., 1910.
- Walker River, West Fork, near Coleville, Cal., 1902-1908.

CARSON RIVER BASIN.

- Carson River, East Fork (head of Carson River), near Markleeville, Cal., 1910.
- Carson River, East Fork, at Rodenbah's ranch, near Gardnerville, Nev., 1900-1907.
- Carson River, East Fork, at Horseshoe Bend, near Gardnerville, Nev., 1908-1910.
- Carson River near Empire, Nev., 1900-1910.
- Carson River near Hazen, Nev., 1908-9.
 - Silver Creek near Markleeville, Cal., 1910.
 - Markleeville Creek near Markleeville, Cal., 1910.
 - Pleasant Valley Creek near Markleeville, Cal., 1910.
- Carson River, West Fork of, at Woodfords, Cal., 1900-1910.

HONEY LAKE BASIN.

- Susan River near Susanville, Cal., 1900-1905.
 Willow Creek at Merrillville, Cal., 1904-5.
 Willow Creek near Standish, Cal., 1900-1905.

MONO LAKE BASIN.

- Lee Vining Creek near Mono Lake, Cal., 1910.
 Rush Creek near Mono Lake, Cal., 1910.

OWENS RIVER BASIN.

- Owens River near Round Valley, Cal., 1903-1910.
 Owens River near Tinemaha, Cal., 1906-1910.
 Owens River near Lone Pine, Cal., 1909-10.
 Rock Creek near Round Valley, Cal., 1903-1910.
 Pine Creek near Round Valley, Cal., 1903-1910.
 Bishop Creek near Bishop, Cal., 1903-1910.
 Baker Creek near Big Pine, Cal., 1909-10.
 Big Pine Creek near Big Pine, Cal., 1903-1910.
 Tinemaha Creek near Tinemaha, Cal., 1907-1910.
 Birch Creek near Tinemaha, Cal., 1907-1910.
 Taboose Creek near Tibbetts, Cal., 1906-1910.
 Goodale Creek near Tibbetts, Cal., 1906-1910.
 Division Creek near Independence, Cal., 1906-1910.
 Sawmill Creek near Independence, Cal., 1906-1910.
 Thibaut Creek near Independence, Cal., 1908.
 Oak Creek near Independence, Cal., 1905-1910.
 Independence Creek near Independence, Cal., 1905-1910.
 Shepard Creek near Thebe, Cal., 1906-1910.
 Bairs Creek near Thebe, Cal., 1906-1910.
 George Creek near Thebe, Cal., 1906-1910.
 Lone Pine Creek near Lone Pine, Cal., 1906-1910.
 Tuttle Creek near Lone Pine, Cal., 1906-1910.
 Cottonwood Creek near Olancho, Cal., 1906-1910.
 Ash Creek near Olancho, Cal., 1906-1910.
 Mahave River at Victorville, Cal., 1899-1906.

GREAT BASIN DRAINAGE IN OREGON.**MALHEUR AND HARNEY LAKES DRAINAGE BASIN**

- Malheur Lake at The Narrows, Oreg., 1903-1905.
 Silvies River near Silvies, Oreg., 1903-1905, 1909-10.
 Silvies River near Burns, Oreg., 1903-1906, 1908-1910.
 Donner und Blitzen River near Diamond, Oreg., 1909-10.
 McCoy Creek near Diamond, Oreg., 1909-10.
 Keiger Creek near Diamond, Oreg., 1909-10.
 Silver Creek near Riley, Oreg., 1904-1906, 1908-1910.

WARNER LAKE DRAINAGE BASIN

- Honey Creek near Plush, Oreg., 1909-10.
 Deep Creek near Adel, Oreg., 1909-10.
 Twentymile Creek near Warner Lake, Oreg., 1909-10.

ABERT LAKE DRAINAGE BASIN.

- Chewaucan River at Paisley, Oreg., 1905-1907 and 1909-10.

SUMMER LAKE DRAINAGE BASIN.

Ana River near Summer Lake, Oreg., 1905 and 1909-10.

SILVER LAKE DRAINAGE BASIN.

Silver Creek near Silver Lake, Oreg., 1904-1907, 1909-10.

Bridge Creek near Silver Lake, Oreg., 1905-6.

Bear Creek near Silver Lake, Oreg., 1905-6, 1909-10.

GOOSE LAKE DRAINAGE BASIN.

Cottonwood Creek near Lakeview, Oreg., 1908-1910.

Drews Creek near Lakeview, Oreg., 1909-10.

XI. CALIFORNIA.**SOUTH PACIFIC OCEAN DRAINAGE BASINS.****Tia Juana River:**

Cottonwood Creek near Jamul, 1906-1910.

Pine Valley Creek near Jamul, 1906-1908.

Sweetwater River near Descanso, 1906-1910.

San Diego River and San Diego flume near Lakeside, 1906-1910.

Bernardo River:

Santa Ysabel Creek near Escondido, 1906-1910.

San Luis Rey River near Pala, 1904-1910.

Santa Margarita River:

Temecula Creek near Temecula, 1906.

Santa Ana River and Mentone Power Co.'s canal near Mentone, 1896-1910.

San Gabriel River and power canal near Azusa, 1896-1910.

Los Angeles River:

Arroyo Seco near Pasadena, 1910.

Malibu Creek near Calabasas, 1903-1906.

Triunfo Creek near Calabasas, 1903-1906.

Santa Ynez River near Santa Barbara, 1903-1910.

Santa Ynez River near Lompoc, 1906-1910.

Mono Creek near Santa Barbara, 1903-4.

Santa Maria River near Santa Maria, 1903-1905.

Salinas River near Salinas, 1900-1901.

Nacimiento River at Byron, February to April, 1901.

San Antonio River at Jylon, December to April, 1901.

San Lorenzo Creek near Kings City, 1901-1903.

Arroyo Seco near Soledad, 1901-1910.

SAN FRANCISCO BAY DRAINAGE BASINS.**SAN JOAQUIN RIVER BASIN.**

San Joaquin River near Friant (Pollasky), 1907-1910.

San Joaquin River at Herndon, 1870-1910.

Tulare Lake in Kings County, 1906-1910.

Kern River at Isabella, 1910.

Kern River near Bakersfield, 1893-1910.

Kern River, South Fork, at Isabella, 1910.

Little Rock Creek near Palmdale, 1896-1899.

Tejon House Creek at Tejon ranch house, 1895-6.

San Emidio Creek at San Emideo ranch house, 1894-5.

San Joaquin River—Continued.

Deer Creek near Hot Springs, 1910.

Tule River near Portersville, 1901-1910.

Tule River, South Fork, near Portersville, 1910.

Kaweah River below Three Rivers, 1903-1910.

Kaweah River, North Fork, at Kaweah, 1910.

Kings River near Sanger, 1895-1910.

Kings River at Kingsburg, 1895-1904.

Kings River, North Fork, near Ockenden, 1910.

Dinkey Creek near Ockenden, 1910.

Big Creek near Toll House, 1910.

Rush Creek near Ockenden, 1910.

Fresno River:

Redwood Creek near Fresno Flats, 1910.

Merced River in Yosemite Valley, 1904-1909.

Merced River above Merced Falls, 1901-1910.

Tenaya Creek in Yosemite Valley, 1904-1910.

Yosemite Creek in Yosemite Valley, 1904-1909.

Merced River, South Fork, at Wawona, 1910.

Big Creek near Sugar Pine, 1910.

Miami Creek near Sugar Pine, 1910.

Tuolumne River at Hetch Hetchy Valley dam site, 1901-1910.

Tuolumne River near Lagrange, 1895-1910.

Tuolumne River at Modesto, 1895-1897.

Cherry Creek at Eleanor trail crossing, 1901.

Eleanor Creek at Eleanor trail crossing, 1901.

Eleanor Creek below Eleanor Lake, 1910.

Jawbone Creek near Tuolumne, 1910.

Corrall Creek near Groveland, 1910.

Tuolumne River, South Fork, near Groveland, 1910.

Indian Creek near Groveland, 1910.

Clavey River near Tuolumne, 1910.

Tuolumne River, North Fork, near Tuolumne, 1910.

Hunter Creek near Tuolumne, 1910.

Turlock Canal near Lagrange, 1899-1910.

Modesto Canal near Lagrange, 1903-1910.

Lagrange Water & Power Co.'s canal near Lagrange, 1907-1910.

Stanislaus River at Knights Ferry, 1895-1900, 1903-1910.

Rose Creek near Columbia, 1910.

Knight Creek near Jupiter, 1910.

Stanislaus River, South Fork, near Columbia, 1910.

Stanislaus Water Co.'s canal at Knights Ferry, 1904-1910.

Calaveras River at Jenny Lind, 1907-1910.

Mokelumne River at Electra, 1901 and 1903-4.

Mokelumne River near Clements, 1904-1910.

Mokelumne River near Lodi, 1895.

Cosumnes River at Michigan Bar, 1907-1910.

SACRAMENTO RIVER BASIN.

Sacramento River at Castella, 1910.

Sacramento River at Antler, 1910.

Sacramento River at Jellys Ferry, near Red Bluff, 1895-1902.

Sacramento River at Iron Canyon, near Red Bluff, 1902-1910.

Sacramento River at Collinsville, 1878-1885.

Sacramento River at Sacramento, 1904-5 (gage heights only).

Pit River near Canby, 1904-5.

Pit River near Biebr, 1904-1908.

Pit River at Henderson, 1910.

Pit River at Silverthorne Ferry, 1910.

Pit River, South Fork, near Ivy, 1904-5.

West Valley Creek near Likely, 1904-5.

Ash Creek at Adin, 1904-5.

Hat Creek at Hat Creek, 1910.

Kosk Creek at Henderson, 1910.

Squaw Creek near Ydaldom, 1910.

McCloud River near Gregory, 1902-1908.

McCloud River near Baird, 1910.

Cottonwood Creek, North Fork, at Ono, 1907-1910.

Mill Creek near Los Molinos, 1909-1910.

Stony Creek near Fruto, 1901-1910.

Little Stony Creek near Lodoga, 1907-1910.

Feather River, North Fork (head of Feather River), above Prattville, 1905-1907.

Feather River, North Fork, below Prattville, 1905-1910.

Feather River, North Fork, near Big Bend, 1905-1910.

Feather River at Oroville, 1902-1910.

Hamilton Branch near Prattville, 1905-1909.

Butt Creek near Butte Valley, 1905-1910.

Indian Creek near Crescent Mills, 1905-1909.

Feather River, Middle Fork, at Cromberg, 1910.

Grizzly Creek near Beckwith, 1906.

Yuba River, North Fork (head of Yuba River), at Goodyear Bar, 1910.

Yuba River, North Fork, near North San Juan, 1900.

Yuba River at Parks Bar Ridge, near Smartsville, 1900.

Yuba River near Smartsville, 1903-1910.

Yuba River, North Fork of North Fork, at Downieville, 1910.

Rock Creek at Goodyear Bar, 1910.

Goodyear Creek at Goodyear Bar, 1910.

Yuba River, Middle Fork, at Freemans Crossing, 1910.

Oregon Creek at Freemans Crossing, 1910.

Bear River at Van Trent, above Wheatland, 1904-1910.

American River near Fair Oaks, 1904-1910.

Cache Creek at Lower Lake, 1901-1910.

Cache Creek near Yolo, 1903-1910.

Putah Creek near Guenoc, 1904-1906.

Putah Creek at Winters, 1905-1910.

NORTH PACIFIC OCEAN DRAINAGE BASINS.

Russian River near Geyserville, 1910.

Eel River near Hearst, 1910.

Eel River near Scotia, 1910.

Mad River near Arcata, 1910.

Sprague River at Yainax, Oreg., 1904.

Upper Klamath Lake near Klamath Falls, Oreg., 1904-1910.

Link River at Klamath Falls, Oreg., 1904-1910.

Lower Klamath Lake near Brownell, 1907-1909.

Klamath River at Keno, Oreg., 1904-1910.

Klamath River near Requa, 1910.

Sycan River near Silverlake, Oreg., 1905.

Klamath River—Continued.

Williamson River at Klamath Agency, Oreg., 1909-10.

Lost River at Clear Lake, 1904-1910.

Lost River at Olene, Oreg., 1907-1910.

Lost River near Merrill, Oreg., 1904-1910.

Tule Lake near Merrill, Oreg., 1904-1910.

Miller Creek at Horsefly, Oreg., 1904-1910.

Scott River:

Scott River, East Fork, near Callahan, 1910.

Trinity River near Trinity Center, 1910.

Coffee Creek near Coffee, 1910.

Trinity River, East Fork, near Trinity Center, 1910.

Swift Creek near Trinity Center, 1910.

XII. NORTH PACIFIC COAST BASINS. •**BETWEEN KLAMATH RIVER AND COLUMBIA RIVER.**

Rogue River, North Fork (head of Rogue River), at Prospect, Oreg., 1907-1910.

Rogue River near Trail, Oreg., 1910.

Rogue River near Tolo, Oreg., 1905-1910.

Rogue River near Galice, Oreg., 1906.

Mill Creek near Prospect, Oreg., 1910.

Big Butte Creek near Big Butte Falls, Oreg., 1910.

Little Butte Creek at Eagle Point, Oreg., 1907-1910.

Little Butte Creek, South Fork, near Lake Creek, Oreg., 1910.

Bear Creek at Talent, Oreg., 1907-1910.

Applegate Creek at Murphy, Oreg., 1907-1910.

Umpqua River, North Fork of South Fork (head of South Fork and of Umpqua River), near Tiller, Oreg., 1910.

Umpqua River, South Fork, near Tiller, Oreg., 1910.

Umpqua River, South Fork, near Brockway, Oreg., 1905-1910.

Umpqua River near Elkton, Oreg., 1905-1910.

Umpqua River, North Fork, near Hoaglin, Oreg., 1910.

Umpqua River, North Fork, near Oak Creek and Winchester, Oreg., 1905-1910.

Little River near Peel, Oreg., 1910.

Mill Creek near Ash, Oreg., 1907-1910.

Siletz River at Siletz, Oreg., 1905-1910.

COLUMBIA RIVER.

Columbia River at Wenatchee, Wash., 1910.

Columbia River near Julia, Wash., 1905.

Columbia River at Handford, Wash., 1910.

Columbia River near Pasco, Wash., 1904-1910.

Columbia River at Cascade Locks and The Dalles, Oreg., 1879-1910.

Clark Fork at Missoula, Mont., 1898-1907.

Clark Fork near St. Regis, Mont., 1910.

Clark Fork near Plains, Mont., 1910.

Clark Fork at Priest River, Idaho, 1903-1905.

Clark Fork at Newport, Wash., 1904-1910.

Clark Fork at Metaline, Wash., 1908-9.

Little Blackfoot River and ditch near Elliston, Mont., 1910.

Rock Creek near Como, Mont., 1910.

Columbia River—Continued.

Clark Fork—Continued.

- Rock Creek near Quigley, Mont., 1910.
- Big Blackfoot River at Bonner, Mont., 1898-1905.
- Rattlesnake Creek at Missoula, Mont., 1899-1900.
- Bitterroot River, West Fork, near Darby, Mont., 1910.
- Bitterroot River near Grantsdale, Mont., 1902-1907.
- Bitterroot River near Missoula, Mont., 1898-1901, 1903-4.
- Bitterroot River, East Fork, near Darby, Mont., 1910.
- Lolo Creek near Lolo, Mont., 1910.
- St. Regis River near St. Regis, Mont., 1910.
- Flathead River, North Fork (head of Flathead River), near Columbia Falls.
- Flathead River at Demersville near Kalispell, Mont., 1910.
- Flathead River at Damon's ranch near Kalispell, Mont., 1910.
- Flathead River at Holt, Mont., 1910.
- Flathead Lake (on Flathead River) at Holt, Mont., 1900.
- Flathead Lake at Polson, Mont., 1900-1901; 1908-1910.
- Flathead River near Polson, Mont., 1907-1910.
- Flathead River, Middle Fork, at Belton, Mont., 1910.
- Flathead River, South Fork, near Columbia Falls, Mont., 1910.
- Swan River near Big Fork, Mont., 1910.
- Stillwater River near Kalispell, Mont., 1906-7.
- Whitefish River near Kalispell, Mont., 1906.
- Little Bitterroot Creek near Marion, Mont., 1910.
- Little Bitterroot Creek near Hubbart, Mont., 1909-10.
- Little Bitterroot Creek near Dayton, Mont., 1908-1910.
- Crow Creek near Ronan, Mont., 1906-1910.
- Mud Creek near Ronan, Mont., 1908-1910.
- Mission Creek near St. Ignatius, Mont., 1906-1910.
- Dry Creek near St. Ignatius, Mont., 1908-1910.
- Post Creek near St. Ignatius, Mont., 1906-1910.
- Jocko River near Jocko, Mont., 1908-1910.
- Jocko River at Ravalli, Mont., 1906-1910.
- Big Knife Creek near Jocko, Mont., 1908-1910.
- Agency Creek near Jocko, Mont., 1908-1910.
- Blodgett Creek near Jocko, Mont., 1909-10.
- Finley Creek near Jocko, Mont., 1908-1910.
- East Finley Creek near Jocko, Mont., 1908-1910.
- Indian Ditch near Jocko, Mont., 1908-1910.
- Valley Creek near Ravalli, Mont., 1908-1910.
- Priest River near Priest River, Idaho, 1910.
- Kootenai River near Libby, Mont., 1910.
- Kootenai River near Bonners Ferry, Idaho, 1904.
- Kootenai River near Porthill, Idaho, 1904.
- Yakt River near Troy, Mont., 1910.
- St. Joe River at Avery, Idaho, 1910.
- St. Joe River near Calder, Idaho, 1910.
- Coeur d'Alene Lake at Coeur d'Alene, Idaho, 1903-1910.
- Spokane River at Washington Water Power Co.'s dam at Spokane, Wash., 1891-1896.
- Spokane River at Spokane, Wash., 1896-1910.
- Hangman Creek at and near Tekoa, Wash., 1903-1905.
- Hangman Creek, North Fork, near Spokane, Wash., 1904-5.
- Little Spokane River near Spokane, Wash., 1903-1905.

Columbia River—Continued.

Okanogan River:

- Sinlahekin Creek near Loomis, Wash., 1903-1905.
 Johnson Creek near Riverside, Wash., 1903-1907.
 Salmon Creek near Malott, Wash., 1903-1910 (now called "near Okanogan").
 Methow River at Pateros, Wash., 1903-1910.
 Stehekin River near Stehekin, Wash., 1910.
 Chelan Lake at Lakeside, Wash., 1897-1899; 1905 and 1910.
 Chelan River at Chelan, Wash., 1903-1910.
 Railroad Creek near Lucerne, Wash., 1910.
 Entiat River near Entiat, Wash., 1910.
 Wenatchee River near Leavenworth, Wash., 1910.
 Wenatchee River at Sherman Spur above Cashmere, Wash., 1904-1910.
 Wenatchee River at Cashmere, Wash., 1904-1910.
 Wenatchee River at Wenatchee, Wash., 1897.
 Upper Crab Creek at Wilson Creek, Wash., 1904.
 Upper Crab Creek near Adrian, Wash., 1910.
 Middle Crab Creek near Ephrata, Wash., 1909-10.
 Moses Lake at Moses Lake, Wash. (gage heights and evaporation records), 1909-10.
 Lower Crab Creek near Warden, Wash., 1909-10.
 Keechelus Lake (on Yakima River) near Martin, Wash., 1906-1910.
 Yakima River near Martin, Wash., 1903-1910.
 Yakima River at Easton, Wash., 1904 and 1910.
 Yakima River at Clealum, Wash., 1906-1910.
 Yakima River at Umtanum, Wash., 1906-1910.
 Yakima River at Selah Gap near North Yakima, Wash., 1897-8; 1904-5.
 Yakima River at Union Gap, near Yakima, Wash., 1893-1910.
 Yakima River near Wapato, Wash., 1908-1910.
 Yakima River at Prosser, Wash., 1904-1906.
 Yakima River at Kiona, Wash., 1895-1910.
 Yakima River near Richland, Wash., 1906-1910.
 Cabin Creek near Easton, Wash., 1909-10.
 Kachess Lake (on Kachess River) near Easton, Wash., 1905-1910.
 Kachess Lake evaporation records, 1907-1910.
 Kachess River near Easton, Wash., 1903-1910.
 Big Creek near Clealum, Wash., 1909.
 Clealum River, North Fork, at Galena, Wash., 1907.
 Clealum Lake near Roslyn, Wash., 1906-1910.
 Clealum River near Roslyn, Wash., 1903-1910.
 Teanaway River near Clealum, Wash., 1909-10.
 Swauk Creek near Clealum, Wash., 1909-10.
 Taneum Creek near Thorp, Wash., 1909-10.
 Manastash Creek near Ellensburg, Wash., 1909-10.
 Wenas Creek near Wenas, Wash., 1910.
 Wenas Creek near Selah, Wash., 1909-10.
 Naches River at Anderson's ranch above Nile, Wash., 1909-10.
 Naches River near Nile, Wash., 1904-1910.
 Naches River below Tieton River near Naches, Wash., 1905; 1909-10.
 Naches River near North Yakima, Wash., 1893-1910.
 Bumping Lake (on Bumping River) near Nile, Wash., 1909-10.
 Bumping River at Bumping Lake near Nile, Wash., 1906-7; 1909-10.
 American River near Nile, Wash., 1909-10.
 Tieton River at McAllister Meadows near Naches, Wash., 1908-1910.
 Tieton River at headworks of Tieton Canal near Naches, Wash., 1906-1910.
 Tieton River near Naches, Wash., 1902-1910.

Columbia River—Continued.

Yakima River—Continued.

- Atanum Creek, North Fork, near Tampico, Wash., 1907-1910.
- Atanum Creek at The Narrows, near Tampico, Wash., 1908-1910.
- Atanum Creek near Yakima, Wash., 1904-1910.
- Atanum Creek, South Fork, near Tampico, Wash., 1907-1910.
- Toppenish Creek near Fort Simcoe, Wash., 1909-10.
- Toppenish Creek near Wapato, Wash., 1909-10.
- Toppenish Creek near Toppenish, Wash., 1908-1910.
- Toppenish Creek at Alfalfa, Wash., 1909-10.
- Simcoe Creek near Fort Simcoe, Wash., 1909-10.
- Satas Creek near Alfalfa, Wash., 1908-1910.

CANALS IN YAKIMA VALLEY.

Kittitas Valley.

- Cascade canal near Thorp, Wash., 1905; 1909.
- West Kittitas canal near Thorp, Wash., 1904; 1909.
- Ellensburg Water Co. canal near Ellensburg, Wash., 1909.
- Town canal near Ellensburg, Wash., 1904-5.
- Olson canal near Ellensburg, Wash., 1905; 1909.
- Bull canal near Ellensburg, Wash., 1909.

Yakima-Moxee Valleys.

- Selah-Moxee canal near Selah, Wash., 1904-5; 1909.
- Taylor canal near Selah, Wash., 1905; 1909.
- ✓ Moxee canal near North Yakima, Wash., 1904-5; 1909.
- ✓ Hubbard canal near North Yakima, Wash., 1904-5; 1909.
- ✓ Fowler canal near North Yakima, Wash., 1904-5; 1909.
- ✓ Granger canal near North Yakima, Wash., 1904; 1909.

Indian Reservation.

- ✓ New Reservation canal near Yakima, Wash., 1904-1909.
- ✓ Old Reservation canal near Wapato, Wash., 1904-1909.
- ✓ Sunnyside canal near Wapato, Wash., 1904-1909.
- ✓ Sunnyside canal at Zillah, Wash., evaporation records, 1907-8.
- ✓ Gilbert canal near Toppenish, Wash., 1904.
- Hatch canal near Toppenish, Wash., 1904.

Lower Yakima River.

- ✓ Prosser Falls Irrigation Co.'s power canal at Prosser, Wash., 1904.
- ✓ Benton Water Co.'s canal near Kiona, Wash., 1905.
- Kiona canal near Kiona, Wash., 1904-5 and 1908-9.
- ✓ Kiona Water Supply Co.'s canal near Kiona, Wash., 1905.
- ✓ Kennewick canal near Kennewick, Wash., 1904-5.
- ✓ Grosscup canal near Kiona, Wash., 1905.

Diversions from Naches River.

Above Tieton River:

- ✓ Selah Valley canal near Naches, Wash., 1904-5.

Between Tieton River and Cowiche Creek:

- ✓ Wapatox canal, upper and lower, near Naches, Wash., 1904-5, 1909.
- ✓ Clark canal near Naches, Wash., 1905, 1909.

Columbia River—Continued.

Yakima River—Continued.

Diversions from Naches River—Continued.

Between Tieton River and Cowlitz Creek—Continued.

- Upper Scott canal near Naches, Wash., 1909.
- Lowery canal near Naches, Wash., 1905, 1909.
- Kelly canal near Naches, Wash., 1909.
- Fortune canal near Naches, Wash., 1905, 1909.
- Lower Scott canal near Naches, Wash., 1905, 1909.
- Gleed canal near Naches, Wash., 1904-5, 1909.
- Morrissey canal near Naches, Wash., 1909.
- Congdon (Yakima Valley) canal near Naches, Wash., 1904-5, 1909.
- White & Leach canal near Naches, Wash., 1905, 1909.
- McCormick canal near Naches, Wash., 1905, 1909.
- Schuler & Rodenbach canal near North Yakima, Wash., 1909.
- Naches-Cowlitz canal near North Yakima, Wash., 1904-5.

Below Cowlitz Creek:

- Power canal at North Yakima, Wash., 1904-5.
- Fruitvale-Schanno canal at North Yakima, Wash., 1909.
- R. S. & C. canal at North Yakima, Wash., 1909.
- Schanno canal at North Yakima, Wash., 1904-5, 1909.
- Broadgauge canal near North Yakima, Wash., 1904-5, 1909.
- Union canal at North Yakima, Wash., 1904, 1909.
- North Yakima Town canal at North Yakima, Wash., 1904, 1909.

- Jackson Lake (on Snake River, South Fork) near Moran, Wyo., 1908.
- Snake River, South Fork (head of Snake River), at Moran, Wyo., 1903-~~1910~~.
- Snake River, South Fork, at Grovant, Wyo., 1899.
- Snake River, South Fork, near Lyon, Idaho, 1903-~~1910~~.
- Snake River, South Fork, near Heise, Idaho, 1910.
- Snake River at Idaho Falls, Idaho., 1889-1893.
- Snake River near Blackfoot, Idaho, 1910.
- Snake River at Neeley, Idaho, 1906-~~1910~~.
- Snake River at Minidoka dam, Idaho, 1910.
- Snake River near Minidoka, Idaho, 1895-1899, 1901-1910.
- Snake River at Milner, Idaho, 1909-10.
- Snake River at King Hill, Idaho, 1909-10.
- Snake River at Weiser, Idaho, 1910.
- Snake River at Burbank, Wash., 1907-1910.
- Snake River at Lewiston, Idaho, 1910.
- Buffalo River near Elk, Wyo., 1906.
- Pacific Creek near Moran, Wyo., 1906.
- Snake River, North Fork, Warm River, Idaho, 1910.
- Snake River, North Fork, near Ora, Idaho, 1902-1909.
- Snake River, North Fork, at Ferry, Idaho, 1890.
- Snake River, North Fork, near Rexburg, Idaho, 1909-10.
- Fall River near Marysville, Idaho, 1902-3.
- Fall River at Fremont, Idaho, 1904-1909 (replaces the Marysville Station).
- Fall River in Canyon, Idaho, 1890-1901.
- Teton River near St. Anthony, Idaho, 1903-1909.
- Teton River at Chase's ranch, Idaho, 1890-1893.
- Willow Creek near Prospect, Idaho, 1904.
- Blackfoot River near Rossfork, Idaho, 1908-1910 (now called "near Henry")
- Blackfoot River near Shelley, Idaho, 1909-10.
- Blackfoot River near Presto, Idaho, 1903-1909.

Columbia River—Continued.

Snake River—Continued.

- Big Lost River near Chilly, Idaho, 1904-1910.
- Big Lost River near Mackay, Idaho, 1903-1906.
 - Little Lost River near Clyde, Idaho, 1910.
 - Birch Creek near Kaufman, Idaho, 1910.
- Port Neuf River near Pebble, Idaho, 1910.
- Port Neuf River at Pocatello, Idaho, 1897-1899.
- Raft River near Bridge, Idaho, 1909-10.
 - Clear Creek near Naf, Idaho, 1910.
 - Cassia Creek near Conant, Idaho, 1909-10.
- Goose Creek near Oakley, Idaho, 1909-10.
- Big Cottonwood Creek near Oakley, Idaho, 1909-10.
- Rock Creek at Rock Creek, Idaho, 1909-10.
 - McMullen Creek near Rock Creek, Idaho, 1910.
- Salmon Falls River near San Jacinto, Nev., 1909-10.
- Salmon Falls River near Twin Falls, Idaho, 1909-10.
 - Cedar Creek near Roseworth, Idaho, 1909-10.
- Big Wood River near Gimlet, Idaho, 1904-5.
- Big Wood River near Hailey, Idaho, 1889.
- Big Wood River at Toponis, Idaho, 1896-1899.
- Big Wood River near Shoshone, Idaho, 1905-6, 1908-1910.
- Big Wood River near Bliss, Idaho, 1899.
 - Little Camas Creek at Little Camas Store, Idaho, 1896.
 - Little Wood River near Carey, Idaho, 1904-5.
 - Little Wood River at Toponis, Idaho, 1896-1899.
- Little Canyon Creek at Glenns Ferry, Idaho, 1909-10.
- Alkali Creek near Glenns Ferry, Idaho, 1909-10.
- Cold Spring Creek near Medbury, Idaho, 1909-10.
- Bennetts Creek near Medbury, Idaho, 1909-10.
- Bruneau River near Tindall, Idaho, 1910.
- Bruneau River near Hot Spring, Idaho, 1909-10.
- Bruneau River near Grandview, Idaho, 1895-1903, 1909-10.
 - Bruneau River, East Fork, near Hot Springs, Idaho, 1910.
 - Marys Creek at Tindall, Idaho, 1910.
 - Louse Creek near Wickahoney, Idaho, 1910.
- Castle Creek near Castle Creek, Idaho, 1910.
- Succor Creek near Homedale, Idaho, 1903-1910.
- Owyhee River at Owyhee, Oreg., 1890-1896, 1903-1910.
- Boise River near Highland, Idaho, 1905-1910 (replaces the Boise Station).
- Boise River near Boise, Idaho, 1894-1904.
- Boise River at Caldwell, Idaho, 1895-96.
 - Malheur River, Middle Fork (head of Malheur River), above South Fork at Riverside Oreg., 1906, 1908-1910.
 - Malheur River, Middle Fork, below South Fork at Riverside, Oreg., 1909-10.
 - Malheur River near Harper's ranch, near Westfall, Oreg., 1903-1905.
 - Malheur River at McLaughlin's bridge, near Vale, Oreg., 1904-1906.
 - Malheur River at Vale, Oreg., 1890-1901, 1895-6, 1903-1910.
 - Malheur River at Halliday's bridge, near Ontario, Oreg., 1904-5.
 - Malheur River, South Fork, near Riverside, Oreg., 1910.
 - Malheur River, North Fork, near Beulah, Oreg., 1909-10.
 - Bully Creek at Warm Springs above Vale, Oreg., 1905-1907.
 - Bully Creek at Vale, Oreg., 1904-5.
 - Willow Creek near Prospect, Idaho, 1903.

Columbia River—Continued.

Snake River—Continued.

Boise River—Continued.

Malheur River—Continued.

Willow Creek near Malheur, Oreg., 1904-1906.

Willow Creek at Dell, Oreg., 1904-1906.

Payette River near Horseshoe Bend, Idaho, 1906-1910.

Payette River at Payette, Idaho, 1895-1897.

Payette River, North Fork, at Lardo, Idaho, 1908-1910.

Payette River, Lake Fork, near McCall, Idaho, 1909-10.

Weiser River, West Fork (head of Weiser River), near Fruitvale, Idaho, 1910.

Weiser River above Weiser, Idaho, 1890-1891.

Weiser River at Weiser, Idaho, 1895-1904, and 1910.

Weiser River, Middle Fork, at Middle Fork, Idaho, 1910.

Crane Creek near Midvale, Idaho, 1910.

Powder River at Salisbury, Oreg., 1903-1910.

Powder River near North Powder, Oreg., 1910.

Eagle Creek near Baker City, Oreg., 1910.

Salmon River near Pierson, Idaho, 1910.

Salmon River at White Bird, Idaho, 1910.

Lake Creek near Stanley, Idaho, 1910.

Valley Creek near Stanley, Idaho, 1910.

Pahsimeroi Creek near Goldburg, Idaho, 1910.

Goldburg Creek near Goldburg, Idaho, 1910.

Big Creek near Patterson, Idaho, 1910.

Grande Ronde River at Hilgard, Oreg., 1903-1910.

Grande Ronde River at Elgin, Oreg., 1903-1910.

Grande Ronde River at Zindel, Wash., 1904-1910.

Catherine Creek near Union, Oreg., 1906-7.

Wallowa River at Joseph, Oreg., 1903-1910.

Wallowa River near Wallowa, Oreg., 1903-1907.

Wallowa River near Elgin, Oreg., 1903-1910.

Clearwater River near Lewiston, Idaho, 1910.

Clearwater River, Middle Fork, at Pete King Ranger Station, Idaho, 1910.

Clearwater River, Middle Fork, at Kamiah, Idaho, 1910.

Clearwater River, South Fork, near Grangeville, Idaho, 1910.

Clearwater River, South Fork, at Kooskia, Idaho, 1910.

Asotin Creek at Shelman's ranch, near Asotin, Wash., 1904-1906.

Asotin Creek near Asotin, Wash., 1904-5.

Palouse River at Elberton, Wash., 1904-5.

Palouse River at Hooper, Wash., 1897-1910.

Rock Creek near St. John, Wash., 1903-1905.

Cow Creek near Keystone, Wash., 1904-5.

Cow Creek at Hooper, Wash., 1904.

CANALS IN SNAKE RIVER BASIN.

Upper Snake River basin.

North side Minidoka canal near Minidoka, Idaho, 1909.

South side Minidoka canal near Minidoka, Idaho, 1909.

North side Twin Falls canal near Milner, Idaho, 1909.

South side Twin Falls canal near Milner, Idaho, 1909.

CANALS IN SNAKE RIVER BASIN—Continued.

Lower Snake River basin.

Columbia River—Continued.

Snake River—Continued.

✓ Wilson ditch near Ontario, Oreg., 1904-5.

Owyhee River basin.

✓ Owyhee ditch near Owyhee, Oreg., 1905.

Malheur River basin.

Vines ditch above Vale, Oreg., 1904-5.

Malheur Farmers' canal above Vale, Oreg., 1904-5.

McLaughlin ditch above Vale, Oreg., 1904-5.

✓ "J. H." ditch above Vale, Oreg., 1904-5.

✓ Gellerman & Frohman ditch above Vale, Oreg., 1904-5.

Sand Hollow ditch above Vale, Oreg., 1904-5.

Hope Mill ditch at Vale, Oreg., 1905.

Nevada ditch below Vale, Oreg., 1904-5.

Wallowa River basin.

Silver Lake ditch near Joseph, Oreg., 1905.

Farmers and Citizens' ditch near Joseph, Oreg., 1905.

Granger ditch at Joseph, Oreg., 1905-6.

Big Bend ditch at Joseph, Oreg., 1905.

Company ditch near Wallowa, Oreg., 1905.

Walla Walla River near Milton, Oreg., 1903-1910.

Walla Walla River at Whitman, Wash., 1897-1899.

Walla Walla River, South Fork, near Milton, Oreg., 1903-1910.

Umatilla River at Gibbon, Oreg., 1896-1910.

Umatilla River at Pendleton, Oreg., 1891-1892, 1903-1905.

Umatilla River near Yoakum, Oreg., 1903-1910.

Umatilla River near Umatilla, Oreg., 1903-1910.

McKay Creek near Pendleton, Oreg., 1903-4.

CANALS IN UMATILLA RIVER BASIN.

Farmers' mill ditch at Pendleton, Oreg., 1906.

Slusher & Gould ditch near Nolin, Oreg., 1905.

Lisle & Crane ditch near Echo, Oreg., 1905.

Charles Lisle ditch at Echo, Oreg., 1905.

Henrietta mill ditch at Echo, Oreg., 1905.

Wilson & Co.'s ditch at Echo, Oreg., 1905.

Allen ditch at Echo, Oreg., 1905.

Hinckle ditch at Echo, Oreg., 1905.

Pioneer ditch at Echo, Oreg., 1905.

Maxwell ditch at Echo, Oreg., 1905.

Hermiston ditch near Hermiston, Oreg., 1905.

Beitle ditch near Hermiston, Oreg., 1905.

Oregon Land & Water Co.'s ditch at Umatilla, Oreg., 1905.

Brownell ditch at Umatilla, Oreg., 1905.

Willow Creek near Arlington, Oreg., 1905-6.

John Day River near Dayville, Oreg., 1908-1910.

John Day River at McDonald, Oreg., 1904-1910.

Columbia River—Continued.

John Day River—Continued.

John Day River, South Fork, at Dayville, Oreg., 1908-1910.

Rock Creek near Arlington, Oreg., 1905.

Deschutes River, Rosland, Oreg., 1910.

Deschutes River at Allen's ranch, near Lava, Oreg., 1905, 1908-1910.

Deschutes River at West's ranch, near Lava, Oreg., 1906-1909.

Deschutes River at Benham Falls, Oreg., 1909-10.

Deschutes River at Bend, Oreg., 1904-1910.

Deschutes River at Laidlaw, Oreg., 1909-10.

Deschutes River near Cline Falls, Oreg., 1910.

Deschutes River at Moro, Oreg., 1897-1899.

Deschutes River near Biggs, Oreg., 1906-1910. (Replaces Moro station.)

Deschutes River, East Fork, at Crescent, Oreg., 1904-1908, and 1910.

Deschutes River, West Fork, Rosland, Oreg., 1910.

Deschutes River, West Fork, near Lava, Oreg., 1905-1907, 1909, and 1910.

Tumalo Creek near Laidlaw and Bend, Oreg., 1906-1910.

Lewis Creek near Laidlaw, Oreg., 1908-1910.

Squaw Creek and McAllister ditch near Sisters, Oreg., 1907-1910.

Crooked River near Post, Oreg., 1908-1910.

Crooked River near Prineville, Oreg., 1908-1910.

Ochoco Creek near Howard, Oreg., 1910.

Ochoco Creek and Elliot ditch near Prineville, Oreg., 1908-9.

Metolius River at Riggs ranch near Sisters, Oreg., 1908-1910.

Metolius River at Hubbards ranch, near Sisters, Oreg., 1910.

Metolius River at Ranger station, near Sisters, Oreg., 1910.

CANALS IN DESCHUTES RIVER BASIN.

↪ Central Oregon and Pilot Butte canals near Bend, Oreg., 1905-1910.

↪ Wimer canal near Laidlaw, Oreg., 1906-1910.

↪ Columbia Southern canal near Laidlaw, Oreg., 1906-1910.

Klickitat River above and below Big Muddy River near Wright, Wash., 1905, 1907-8.

Klickitat River at Camp Klickitat, Wash., 1908-9.

Klickitat River at Hanson's cable, near Wright, Wash., 1908-9.

Klickitat River at Wels Ferry near Lyle, Wash., 1908-1910.

Klickitat River at Wright, Wash., 1907, 1909-10.

Big Muddy River above mouth of Cougar Creek near Wright, Wash, 1905, 1908-1910.

Little Klickitat near Goldendale, Wash., 1910.

Hood River at Winans, Wash., 1905-1907 and 1910.

Hood River at Tuckers Bridge, Wash., 1897-1899.

White Salmon River at Husum, Wash., 1909-10.

Trout Creek at Guler, Wash., 1909-10.

Little White Salmon River below Lava Creek near Cooks, Wash., 1903-1906.

Little White Salmon River near Cooks, Wash., 1909.

Salmon Creek near Government Camp, Oreg., 1910.

Sandy River above Salmon Creek, McIntyre's, Oreg., 1910.

Sandy River at Salmon, Oreg., 1908-1910.

Sandy River near Bullrun, Oreg., 1910.

Sandy River below Bullrun, Oreg., 1910.

Still Creek near Government Camp, Oreg., 1910.

Zigzag Creek near Rowe, Oreg., 1910.

Bull Run River near Bullrun, Oreg., 1907-1910.

Columbia River—Continued.

- ~~Willamette River, Middle Fork, at Jasper, Oreg., 1905-1910.~~
~~Willamette River at Albany, Oreg., 1895-1910.~~
~~Willamette River near Salem, Oreg., 1910.~~
 Willamette River at Oregon City, Oreg., 1909-10.
 Willamette River, North Fork of Middle Fork, near Hazeldell, Oreg., 1909-10.
 Kelsey River near Hazeldell, Oreg., 1909.
 Willamette River, Coast Fork, near Goshen, Oreg., 1905-1910.
 Willamette River, East Fork of Coast Fork:
 Row River near Disston, Oreg., 1910.
 McKenzie River at McKenzie Bridge, Oreg., 1910.
 McKenzie River near Springfield, Oreg., 1905-1910.
 Santiam River, North Fork (head of main stream), at Detroit, Oreg., 1907-1910.
 Santiam River, North Fork, at Mehama, Oreg., 1905-1907 and 1910.
 Santiam River at Jefferson, Oreg., 1905-6, 1908-1910.
 Santiam River, Marion Fork, at Marion Lake near Hoover, Oreg., 1907, 1909-10.
 Puzzle Creek near Detroit, Oreg., 1907, 1909-10.
 Puzzle Creek, North Fork, near Hoover, Oreg., 1910.
 Puzzle Creek, South Fork, Hoover, Oreg., 1910.
 Permelia Creek near Detroit, Oreg., 1907, 1909-10.
 Whitewater Creek near Detroit, Oreg., 1907.
 Breitenbush Creek near Detroit, Oreg., 1910.
 Santiam River, South Fork, Cascadia, Oreg., 1910.
 Santiam River, South Fork, at Waterloo, Oreg., 1905-1907 and 1910.
 Luckiamute River near Suver, Oreg., 1905-1910.
 Yamhill River, South Fork, at Sheridan, Oreg., 1906-1910.
 Yamhill River at La Fayette, Oreg., 1908-1910.
 Molalla River near Molalla, Oreg., 1905-1909.
 Clackamas River near Cazadero, Oreg., 1909-10.
~~Clackamas River near Cazadero, Oreg., evaporation records, 1909-10.~~
~~Clackamas River at Estacada, Oreg., 1908-1910.~~
~~Clackamas River near Barton, Oreg., 1905-1908. (Replaced by Estacada station.)~~
 Lewis River above Muddy River near Cougar, Wash., 1909-10.
 Lewis River at Peterson's ranch near Cougar, Wash., 1909-10.
 Lewis River at Ariel, Wash., 1909.
 Muddy River at mouth near Cougar, Wash., 1909.
 Pine Creek at mouth near Cougar, Wash., 1909.
 Swift Creek at mouth near Cougar, Wash., 1909.
 Cowlitz River near Randle, Wash., 1910.
 Cowlitz River near Mayfield, Wash., 1910.
 Cispus River near Randle, Wash., 1910
 Toutle River at St. Helen, Wash., 1909.
 Toutle River near Castle Rock, Wash., 1909.

BETWEEN COLUMBIA RIVER AND PUGET SOUND.

- Chehalis River near Centralia, Wash., 1910.
 Soleduck River near Quillayute, Wash., 1891-1901.
 Kalawa River near Forks, Wash., 1897-1901.

PUGET SOUND DRAINAGE BASINS.

- Elwha River at McDonald, Wash., 1897-1901.
 Dungeness River at Dungeness, Wash., 1897-1901.

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- Dosewallips River near Brinnon, Wash., 1910.
 Duckabush River near Duckabush, Wash., 1910.
 Skokomish River, North Fork, near Hoodspport, Wash., 1910.
 Nisqually River at Park Boundary, Ashford, Wash., 1910.
 Nisqually River near La Grande, Wash., 1910.
 Puyallup River:
 Carbon River near Fairfax, Wash., 1910.
 White River near Buckley, Wash., 1899-1902 and 1910.
 Cedar River at Vaughn Bridge near Cedar Lake, Wash., 1898.
 Cedar River at Cedar Lake near Northbend, Wash., 1902, 1903.
 Cedar River near Ravendale, Wash., 1902-1910.
 Cedar River near Seattle, Wash., 1895-1898.
 Snoqualmie River at Snoqualmie Falls, Wash., 1902-1906.
 Skykomish River, North Fork, near Index, Wash., 1910.
 Skykomish River near Sultan, Wash., 1910.
 Skykomish River, South Fork, near Berlin, Wash., 1910.
 Skykomish River, South Fork, at Index, Wash., 1902-1905.
 Stillaguamish River near Robe, Wash., 1902.
 Skagit River near Marblemount, Wash., 1909-10.
 Skagit River near Sedro Woolley, Wash., 1909.
 Cascade River near Marblemount, Wash., 1909-10.
 Sauk River above Whitechuck River, near Darrington, Wash., 1910.
 Sauk River above Clear Creek, near Darrington, Wash., 1910.
 Sauk River at Millers ranch crossing near Sauk, Wash., 1910.
 Whitechuck River near Darrington, Wash., 1910.
 Clear Creek near Darrington, Wash., 1910.
 Baker Lake, Wash., 1910.
 Baker River at Forest Boundary near Concrete, Wash., 1910.
 Baker River near Concrete, Wash., 1910.
 Nooksack River, North Fork (head of Nooksack River), near Glacier, Wash., 1910.
 Nooksack River near Deming, Wash., 1910.
 Nooksack River, Middle Fork, near Deming, Wash., 1910.
 Skookum Creek near Deming, Wash., 1910.
 Whatcom Creek at Lake Outlet, Wash., 1910.

PUBLICATIONS RELATING TO WATER RESOURCES.

Application for any of the publications named in the following list may be made to the Director, United States Geological Survey, Washington, D. C., who will furnish copies free of charge until the Survey's stock is exhausted, after which they may be obtained by purchase at the prices given from the Superintendent of Documents, Government Printing Office, Washington, D. C. Those now out of stock at the Survey are marked by an asterisk (*); a double asterisk (**) indicates that the Superintendent of Documents' stock also is exhausted. Probably most of these reports can be consulted in the public libraries of large cities.

Attention is specially called to the "Finding list" on pages 75-77.

Cards announcing new publications of the Survey will be sent on request.

WATER-SUPPLY PAPERS.

- **1. Pumping water for irrigation, by H. M. Wilson. 1896. 57 pp., 9 pls.
- **2. Irrigation near Phoenix, Ariz., by A. P. Davis. 1897. 98 pp., 31 pls.
- **3. Sewage irrigation, by G. W. Rafter. 1897. 100 pp., 4 pls. (See No. 22.)
- **4. A reconnaissance in southeastern Washington, by I. C. Russell. 1897. 96 pp., 7 pls.
- **5. Irrigation practice on the Great Plains, by E. B. Cowgill. 1897. 39 pp., 12 pls.
- **6. Underground waters of southwestern Kansas, by Erasmus Haworth. 1897. 65 pp., 12 pls.
- *7. Seepage water of northern Utah, by Samuel Fortier. 1897. 50 pp., 3 pls. 10c.
- **8. Windmills for irrigation, by E. C. Murphy. 1897. 49 pp., 8 pls.
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