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UNITED STATES DEPARTMENT OF THE INTERIOR

INDEX TO RIVER SURVEYS MADE BY THE UNITED STATES GEOLOGICAL SURVEY AND OTHER AGENCIES

REVISED TO JULY 1, 1947

GEOLOGICAL SURVEY WATER-SUPPLY PAPER 995
INDEX TO RIVER SURVEYS MADE BY THE
UNITED STATES GEOLOGICAL SURVEY
AND OTHER AGENCIES

REVISED TO JULY 1, 1947

BY

BENJAMIN E. JONES and RANDOLPH O. HELLAND
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ILLUSTRATIONS

Plate 1. Map showing areas covered by topographic surveys made by the Geological Survey prior to July 1, 1947. In pocket
2. Map of the United States showing drainage areas and index numbers. In pocket
INDEX TO RIVER SURVEYS MADE BY THE UNITED STATES GEOLOGICAL SURVEY AND OTHER AGENCIES

REVISED TO JULY 1, 1947

By Benjamin E. Jones and Randolph O. Helland

INTRODUCTION

The descriptive list of surveys of rivers in the United States issued by the United States Geological Survey in 1926 as Water-Supply Paper 558 comprised surveys by the Geological Survey and other Federal bureaus and by State, semiofficial, and private agencies. Since then many additional river surveys, most of them now available in published sheets, have been completed by the Geological Survey, and four supplemental lists describing them have been issued in mimeographed form. The first supplement was compiled by B. E. Jones in 1934, the second by R. O. Helland and D. M. Paul in 1938, the third by R. O. Helland in 1940, and the fourth by L. L. Young and N. J. Tubbs in 1944. The present compilation adds to the preliminary index the material issued in the supplements and later information concerning revisions and availability of maps.

This compilation substantially completes the record of river surveys by the Geological Survey prior to July 1, 1947, but it is not intended as a complete index of those made by other agencies. Outstanding among such are the Corps of Engineers of the United States Army, the Bureau of Reclamation of the Department of the Interior, and a number of State agencies.

Many States have assembled and published valuable information on streams and lakes within their boundaries; their contour maps were prepared on various scales and in varying detail. Information concerning maps published by a State agency can usually be obtained by applying to the State engineer.

River surveys by the Geological Survey consist essentially of a plane-table traverse of the stream, the topography adjacent to the stream channel being depicted by contour lines. Topography is sketched in the field and is based on altitudes and distances obtained by the alidade and stadia rod. Except in earlier river surveys, topography is generally carried to an elevation sufficiently high above the water surface
INDEX TO RIVER SURVEYS

to include the area of proposed reservoir sites, possible canal or conduit locations, and other structures relating to water utilization. The standard scales of river surveys are 1:31,680 and 1:24,000 and the contour intervals in general use are 20 feet on land and 5 feet on water. Surveys made by the United States Geological Survey are usually published by this agency, only a very few having been published by other agencies. All of the maps described in this index have been published by the United States Geological Survey unless otherwise stated in the description of the map.

Most of the river surveys of the Geological Survey are now available in printed sheets 22 by 28 inches, currently priced at 10 cents each. Not all are available, however, as the stock of a map may be exhausted at any time, and reprints are not always made. But if the printed sheet is not obtainable, a photostatic reproduction or blueprint can usually be secured, though the cost of reproduction is higher than the cost of the printed sheet. Any of the maps described may be seen at the main office of the Geological Survey, Federal Works Building, Eighteenth and F Streets NW., Washington, D. C., and many of them at branch offices in the States in which the surveys were made.

Many of the rivers and smaller streams which have not been surveyed independently are shown on the standard topographic maps of the Geological Survey in sufficient detail to afford much valuable information. The areas covered prior to July 1, 1947, and the scale employed for each area, are shown on plate 1.

Inquiries regarding availability of maps should be addressed to the Director, United States Geological Survey, Department of the Interior, Washington 25, D. C.

In this compilation the surveys have been arranged by States, and within the States by drainage basins. Tributary streams are indicated by letters. A stream marked "(a)" is tributary to the last-named stream not marked with a letter; a stream marked "(b)" is tributary to the last-named stream marked "(a)", and so on. In the Great Basin, tributaries of Great Salt Lake and of other independent drainage systems are indicated by "(a)."

The index number made up of letters and figures in parentheses refers to the drainage-area subdivisions shown on plate 2. The numbers refer to the major areas that form the great drainage basins of the country, as classified by the Geological Survey in its publications on stream flow and by the Weather Bureau in its meteorologic reports. These basins are as follows:

2. South Atlantic and eastern Gulf of Mexico.
3. Ohio River.
4. St. Lawrence River.
5. Upper Mississippi River and Hudson Bay.
INTRODUCTION

7. Lower Mississippi River.
8. Western Gulf of Mexico.
11. Pacific basins in California.

Each major area is divided into intermediate areas conforming to its dominant drainage systems and designated 12A, 12B, etc., the number indicating the major area, the letter referring to a specific intermediate area within it. Intermediate areas are further divided into minor areas, each designated by the number of the major area, the letter of the intermediate area, and a final letter distinguishing it from adjacent minor areas, as 12FA, 12FB. Each drainage division is lettered in order from the upper reaches of the basin to the lower.

The scale of the maps described is given in the form of a ratio; for example, the ratio 1:31,680 indicates that a linear foot on the printed map represents 31,680 linear feet of surveyed distance. Other equivalents for the various scales in common use by map-making agencies are given in the table below.

The height to which topography is shown is usually noted; unless otherwise stated, this is the height above the water surface.

Dam sites are listed immediately below the name of the river or lake on which they are located.

### Ratios for customary map scales

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* 1:10,000 and 1:20,000 are basic scales used by the Corps of Engineers, U. S. Army.
* 1:15,840 and 1:31,680 are basic scales used by the General Land Office. 1:31,680 is also used by the U. S. Geological Survey on standard topographic maps and river-survey maps.
* 1:62,500 and 1:125,000 are subdivisions of 1:1,000,000 used by the U. S. Geological Survey on topographic maps.
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ALABAMA

CHATTahoochee RIVER. See Georgia.

Coosa RIVER (upper Mobile River) from Curry's Island to Broken Arrow Creek, 19 miles (2VM). Plan and profile by Corps of Engineers, United States Army. Small tracing shows plan of river. No topography. Profile shows section between Wetumpka and Greensport. Scale, 1.3 inches=1 mile. Elevations in Water-Supply Paper 107.

Coosa RIVER from Wetumpka to Greensport, 142 miles (2VM, 2VN, 2VO). Profile by Corps of Engineers, United States Army. Shows banks and bed of river, and locks. Scale, 1.3 inches=1 mile. Elevations in Water-Supply Paper 107.

Alabama RIVER (continuation of Coosa River) (2V).

(a) Tallapoosa River from Tallapoosa, Ga., to Matilda, Ala., 115 miles in Alabama and 3 miles in Georgia (2VA, 2VC). Plan and profile, 1904. Plan is straight-line projection showing bridges, tributaries, and other features by relative distance along river. Scale, 1:12,000; and 1:24,000. No topography. Published as supplement to Water-Supply Paper 204. Out of stock.


(b) Big Sandy Creek from mouth 12 miles upstream to point near Dadeville (2VC). Surveyed by Corps of Engineers, United States Army. Table of elevations published in report, Water powers of Alabama, by Alabama Geological Survey, 1916.

(a) Cahaba River from mouth to Shelby County, 108 miles (2WE, 2WD). Profile by Corps of Engineers, United States Army, 1874. Shows elevation of bed of stream and water surface. Scale, 2.5 inches=1 mile. Elevations in Water-supply Paper 107.

(a) Tombigbee River (2X).

(b) Black Warrior River from Tuscaloosa to Sipsey Fork and Mulberry Fork, 92 miles (XN, 2XO, 2XL). Profile by Corps of Engineers, United States Army, probably before 1900. Scale, 2.5 inches=1 mile. Shows river bed and water surface. Elevations in Water-Supply Paper 107.

Mississippi River Basin (3).

(a) Ohio River (3V).


For report by Chief of Engineers, United States Army, on the Tennessee River and tributaries in North Carolina, Tennessee, Alabama, and Kentucky, covering navigation, flood control, power development, and irrigation, see 71st Cong., 2d sess., H. Doc. 328.

For areas in Alabama covered by United States Geological Survey standard topographic maps see plate 1.

ALASKA

During the last 50 years the Geological Survey, in connection with the investigation of mineral resources, has topographically mapped approximately half of Alaska on reconnaissance standards. For special investigations and urgent needs of the Territory some inch to the mile mapping has been undertaken but such surveys covered only about 5,000 square miles in scattered small areas of interest. With the strategic importance which Alaska assumed during the last decade, map requirements of the War Department were such that military per-
sonnel have mapped about 12,000 square miles during that time. These surveys, published at scales ranging from 1:20,000 to 1:62,500, mainly covered the Aleutian Islands and an extensive area in the vicinity of Anchorage and the Matanuska Valley.

A cooperative reconnaissance mapping program was undertaken by the Army Air Forces, in collaboration with the Geological Survey, to meet the urgent requirements of the terrain data for aeronautical pilotage charts. During the period from 1942 to 1945, the Army Air Forces covered all unmapped and much of the poorly mapped areas of Alaska with trimetrogon aerial photography. This data was compiled into maps for 1:1,000,000 scale publication in aeronautical charts by the Geological Survey. Generalized data, such as can be presented on these scales is therefore now available for all of Alaska. Basic compilation records, as well as the vertical and the oblique aerial photographs are available for important needs through appropriate channels of the Geological Survey and Army Air Forces respectively.

A coordinated map series, 1:250,000 scale, is now planned. The previous accomplishments of the Geological Survey, which are now published on sale editions of varying size and shape, will be republished in the future on sheets of standard size and format and henceforth blank areas will be "filled" with the data prepared for aeronautical charts, or from new surveys as they are accomplished. On most of the reconnaissance topographic surveys 200-foot contours have been shown. The data compiled for publication on 1:1,000,000-scale aeronautical charts, however, showed only thousand-foot form lines since basic field data for a smaller contour interval was not available. The planimetric delineations in these charts, however, are highly detailed since the basic compilation scale and the scale of the aerial photography were relatively large.

**EKLUTNA LAKE (14).** Plan, United States Geological Survey and Anchorage Public Utilities, 1947. Scale, 1:12,000. Contour interval, 10 feet. Topography to 80 feet. Also underwater contour 68 feet below surface. Published in 3 sheets, 1 showing dam site and creek, 1948.


**ARIZONA**

**COLORADO RIVER from Lees Ferry, Ariz., to mouth of Green River in Utah, 28 miles in Arizona and 188 miles in Utah (9FA, 9FC, 9FE).** Plan and profile, 1921. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Section in Arizona shown on 3 sheets (2 plan, 1 profile), in set of 22 (16 plan, 6 profile). Published in 1922.


**LAKE MEAD, including Colorado River from Boulder dam in T. 30 N., R. 23 W., to T. 27 N., R. 10 W., Arizona, and Virgin River from the mouth to T. 14 S., R. 69 E., Nevada.** Plan by Fairchild Aerial Surveys, Inc., for Soil Conservation Serv-
INDEX TO RIVER SURVEYS


COLORADO RIVER. Dam sites on Colorado River, wholly or partly in Arizona. Scale of most of the original maps, 1:4,800. Mileage references, except two Glen Canyon sites, are to distance below Lees Ferry. Published in Water-Supply Paper 556.

Glen Canyon dam site No. 2, at 9.6 miles above Lees Ferry. Contour interval, 100 feet. Topography to 900 feet.

Glen Canyon dam site No. 1, at 4 miles above Lees Ferry. Contour interval, 100 feet. Topography to 900 feet.

Marble Gorge bridge site, at mile 5. Contour interval, 20 feet. Topography to 400 feet.

Marble Gorge power site, alternate dam site No. 1 (Redwall), at mile 29.0. Contour interval, 50 feet. Topography to 300 feet.

Marble Gorge power site, Redwall dam site, at mile 30.0. Contour interval, 10 feet. Topography to 250 feet.

Marble Gorge power site, alternate dam site No. 2 (Redwall), at mile 32.2. Contour interval, 50 feet. Topography to 1,150 feet.

Mineral Canyon dam site, at mile 77.8. Contour interval, 20 feet. Topography to 480 feet.

Clear Creek dam site, at mile 84.4. Contour interval, 50 feet. Topography to 1,000 feet.

Granite Wall dam site, at mile 85.1. Contour interval, 50 feet. Topography to 1,000 feet.

Cremation dam site, at mile 86.3. Contour interval, 20 feet. Topography to 580 feet.

Pipe Creek dam site, at mile 88.9. Contour interval, 10 and 50 feet. Topography to 500 feet.

Ruby Canyon dam site, at mile 103.9. Contour interval, 10 feet. Topography to 250 feet.

Hakatai dam site, at mile 110.7. Contour interval, 10 feet. Topography to 250 feet.

Big Bend dam site, at mile 113.3. Contour interval, 20 feet. Topography to 280 feet.

Specter Chasm dam site, at mile 130.0. Contour interval, 50 feet. Topography to 500 feet.

Havasu dam site, at mile 156.6. Contour interval, 20 feet. Topography to 320 feet.

Prospect dam site, at mile 190.1. Contour interval, 50 feet and 10 feet. Topography to 220 feet.

Diamond Creek dam sites, at miles 225.5 and 225.9. Contour interval, 50 feet. Topography to 700 feet.

Travertine Canyon dam site, at mile 228.6. Contour interval, 50 feet. Topography to 950 feet.

Bridge Canyon dam site, at mile 236.3. Contour interval, 50 feet. Topography to 800 feet.

Spencer Canyon dam site, at mile 246.2. Contour interval, 50 feet. Topography to 700 feet.

Devils Slide dam site, at mile 255.6. Contour interval, 20 feet. Topography to 500 feet.
Flour Sack Rapids power site, at mile 266. Cross section at dam site. Pierces Ferry dam site, at mile 277.3. Contour interval, 10 feet. Topography to 200 feet.

Grand Wash Canyon dam site, at mile 284.2. Contour interval, 50 feet. Topography to 330 feet.

Hualpai Rapids power site, at mile 301.6. Contour interval, 20 feet. Topography to 300 feet.

Virgin Canyon power site, at mile 304.7. Contour interval, 50 feet. Topography to 400 feet.

Boulder Canyon dam site, at mile 334.0. Contour interval, 10 and 50 feet. Underwater contour interval, 25 feet. Topography to 650 feet.

Callville dam site, at mile 341.8. Contour interval, 50 feet. Topography to 250 feet.

Upper Black Canyon dam site, at mile 354.6. Contour interval, 50 feet. Underwater contour interval, 25 feet. Topography to 600 feet.

Middle Black Canyon dam site, at mile 364.9. Contour interval 50 feet.

Lower Black Canyon dam site, at mile 373.9. Contour interval, 20 feet. Topography to 300 feet.

Eldorado dam site, at mile 377.1. Contour interval, 10 feet. Topography to 160 feet.

Eagle Rock dam site, at mile 397. Contour interval, 10 feet. Topography to 150 feet.

Bulls Head dam site, at mile 421. Contour interval, 10 feet. Topography to 140 feet.

Mohave Canyon flood-control dam site. Elevation at water surface, 427 feet. Contour interval, 10 feet. Topography to 250 feet.

Parker diversion dam site, at mile 524. Contour interval, 25 feet. Topography to 100 feet.


(a) Little Colorado River from point 10 miles northwest of Tolchico to point in T. 11 N., R. 28 E., about 250 miles (9JE, 9JC, 9JA). Plan, 1984-39. Scale, 1:31,680. Contour interval, 10 and 20 feet on land, 5 feet on water. Dam-site scale, 1:4,500; contour interval, 10 feet. Topography detailed. Published in 16 plan sheets, of which 4 show dam sites, and 2 sheets of dam sites, 1948.

Holbrook dam site, in sec. 14, T. 17 N., R. 21 E. Topography to 100 feet.

Woodruffs dam site, in sec. 36, T. 17 N., R. 21 E. Topography to 90 feet.

The Forks dam site, in sec. 19, T. 16 N., R. 22 E. Topography to 100 feet.

Greer dam site, in sec. 5, T. 14 N., R. 25 E. Topography to 100 feet.
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Little Colorado dam site, in secs. 20 and 21, T. 14 N., R. 27 E. Topography to 100 feet.

(a) Little Colorado River from mouth to Tolchico dam site. 103 miles (9JE). Plan and profile, 1926. Scale, 1:31,680. Contour interval, 25 feet on land, 5 feet on water. Topography detailed. Published in five sheets (three plan, two profile), 1927.

Tolchico dam site, near Tolchico. Topography to 130 feet.

(b) Zuni River from mouth to point about 6 miles upstream (9JA). Shown on 1934–39 survey of Little Colorado River.

Lower Zuni dam site, near mouth of Zuni River. Scale, 1:4,800. Topography to 150 feet.


(c) Black Creek from mouth sec. 26, T. 22 N., R. 29 E., to mile 20 (9JB). Plan and profile, 1937. Scale, 1:24,000. Contour interval, 10 feet on land, 2 feet on water. Topography detailed. Published two sheets, one plan, one profile.


(a) Bright Angel Creek from mouth upstream 2 miles (9HA). Plan, 1903 and 1923. Scale, 1:31,680. Contour interval, 50 feet. Topography to 50-500 feet. Shown on part of one sheet, 1923 survey of Colorado River.


(a) Kanab Creek from mouth upstream 2 miles (9HB). Plan, 1905, 1921, and 1923. Scale, 1:31,680. Contour interval, 50 feet. Topography to 50–1,000 feet. Shown on part of one sheet, 1923 survey of Colorado River.

(a) Havasu Creek from mouth to sec. 11, T. 33 N., R. 4 W., 6 miles (9HC). Plan, 1921 and 1923. Scale, 1:31,680. Contour interval, 50 feet. Topography to 50–1,200 feet. Shown on part of one sheet, 1923 survey of Colorado River.

(a) Williams River and tributaries from point 8 miles above mouth, 33 miles (9LD), including parts of Santa Maria and Big Sandy Rivers. Plan and profile, 1933–34. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Published in nine sheets (four plan, four profile, one dam site), 1936.


Dam site, at mile 30.1 in sec. 9, T. 10 N., R. 13 W. Scale, 1:4,800. Contour interval, 10 feet on land, 5 feet on water. Topography to 470 feet.
(b) Big Sandy River from mouth to point about 10 miles upstream (9LD). Shown on two sheets (one plan, one profile), 1933-34 survey of Williams River and tributaries.

(b) Santa Maria River from mouth to Kirkland Creek, 50 miles (9LD). Shown on five sheets (three plan, two profile), 1933-34 survey of Williams River and tributaries.

(c) Kirkland Creek from mouth to Skull Valley Wash, 22 miles (9LD), and dam sites. Dam-site scale, 1: 4,800; contour interval, 10 feet. Shown on three sheets (one plan, two profile), 1933-34 survey of Williams River and tributaries.

Dam site, at mile 93.5 in sec. 36, T. 14 N., R. 7 W. Topography to 230 feet.

Dam site, at mile 95.2 in sec. 6, T. 13 N., R. 6 W. Topography to 200 feet.

Dam site, at mile 105.1 in sec. 20, T. 13 N., R. 5 W. Topography to 240 feet.

Dam site, at mile 105.6 in sec. 21, T. 13 N., R. 5 W. Topography to 80 feet.

(c) Gila River from Florence, Ariz., to point in sec. 20, T. 19 S., R. 20 W., New Mexico (9ME, 9MC, 9MA), connecting with lower end of 1915 survey of Gila River in New Mexico (published in Water-Supply Paper 396), and from upper end of 1915 survey to point 6 miles above confluence with West Fork Gila River, N. Mex.; total length about 270 river miles, of which about 200 are in Arizona and 70 in New Mexico. Surveyed as follows: about ½ of total river mileage surveyed by United States Office of Indian Affairs, 1913-15, and 1932; a short section surveyed by United States Geological Survey, 1896; the remainder surveyed by United States Geological Survey, 1934-35. Surveys by Geological Survey are at scale 1: 31,680, contour interval, 20 feet on land, 5 feet on water. Topography detailed. Surveys by United States Office of Indian Affairs are larger scale, reduced to 1: 31,680 for publication with United States Geological Survey maps. In preparation.


(a) Gila River from mouth of Agua Fria River in sec. 33, T. 1 N., R. 1 W., to T. 3 S., R. 5 E., about 50 miles (9ME). Plan by United States Bureau of Reclamation, 1903-4. Scale, 1: 31,680. Contour interval, 5 and 10 feet to 1,350 feet; 50 feet above 1,350 feet. Topography detailed. Shown on three sheets, 1902-3 survey of Salt River (reclamation project).


Guthrie dam site, approximately in sec. 29, T. 6 S., R. 30 E. Topography to 340 feet.

Camelback dam site, approximately in sec. 2, T. 6 S., R. 28 E. Scale, 1: 12,000. Topography to 210 feet.


Mescal dam site, in sec. 29, T. 3 S., R. 17 E. Topography to 340 feet.

Riverside dam site, in sec. 11, T. 4 S., R. 13 E. Topography to 600 feet.

The Buttes dam site, in sec. 11, T. 4 S., R. 11 E. Topography to 300 feet.

(b) San Francisco River in New Mexico and Arizona, from mouth to point near Alma, N. Mex., 77 miles, of which 46 miles is in Arizona (9MB). Plan and
profile, 1934–35. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Published in four sheets (two plan, two profile), 1939.

(b) Salt River from Roosevelt Reservoir to junction of White and Black Rivers, 23 miles (9NA), including Salt River above Roosevelt Reservoir, Black River to Apache National Forest boundary, White River to mouth of Diamond Creek, East Fork White River to Sevenmile Canyon, and Carrizo dam site. Plan and profile, United States Geological Survey and United States Bureau of Reclamation, 1916–32. Scale, 1:31,680. Contour interval, 20 and 25 feet on land, 5 feet on water. Topography detailed. Published by United States Geological Survey in 10 sheets (five plan, five profile), 1933.

Carrizo dam site, at mile 82.4 above Roosevelt Reservoir and just below mouth of Carrizo Creek (9NA). Plan and cross section, 1932. Scale, 1:4,800. Contour interval, 10 feet. Topography to 300 feet.

(b) Salt River from west boundary of San Carlos Indian Reservation to junction of White and Black rivers, 58 miles (9NA). Plan and profile by Office of Indian Affairs, 1913. Scale, 1:24,000. Contour interval, 50 feet. Topography to 350–500 feet. Three sheets. Not published.


(b) Salt River from mouth to Verde River, 44 miles (9NC). Plan by United States Bureau of Reclamation, 1902–03. Scale, 1:31,680. Contour interval, 5 feet. Topography detailed. Shown on two sheets of topographic map of Salt River reclamation project.

(c) Black River from White River to Milk Creek, White Mountain-Apache Indian Reservation boundary, 92 miles (9NA). Plan and profile by Office of Indian Affairs, 1913. Scale, 1:24,000. Contour interval, 50 feet. Topography to 350–500 feet. Four sheets. Not published.


(d) Bonita Creek in Fort Apache Indian Reservation, from mouth upstream 4 miles (9NA). Plan, 1932. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water surface. Topography detailed in lower area, but little shown in upper area. Shown on one sheet of 1916–32 survey of Salt River and tributaries above Roosevelt Reservoir.


(c) White River from Black River to point above Paradise Creek, 58 miles (9NA). Plan and profile by Office of Indian Affairs, 1913. Scale, 1:24,000. Contour interval, 50 feet. Topography to 150–500 feet. Four sheets. Not published.

(d) North Fork White River from Cottonwood Creek upstream 2 miles (9NA), showing also Black Canyon reservoir site. Plan and profile by Office of Indian Affairs, 1913. Scale, 1:4,800. Contour interval, 10 feet. Topography to 250 feet. One sheet. Not published.


(o) Verde River from sec. 7, T. 17 N., R. 3 E., to Sycamore Creek in T. 12 N., R. 5 E., 53 miles (9NB). Plan and profile, 1934 and 1936. Scale, 1: 31,680. Contour interval, 20 feet on land, 5 feet on water. Topography to 100–300 feet. Published in three sheets (two plan, one showing Gittings dam site, and one profile), 1939.

(c) Verde River from Tangle Creek to sec. 35, T. 13 N., R. 5 E., 47 miles (9NB). Plan and profile, 1916. Scale, 1: 31,680. Contour interval, 25 feet on land, 5 feet on water. Topography to 150–250 feet. Published in three sheets (two plan, one profile), 1917.

(c) Verde River from point 3 miles below Camp Creek to Tangle Creek, 39 miles (9NB). Plan and profile, 1930. Scale, 1: 48,000. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Published in one sheet, 1932.


Gittings dam site, in sec. 16, 17, 20, 21, T. 17 N., R. 3 E. Scale, 1: 4,800. Contour interval, 10 feet. Topography to 160 feet. Published 1939.

(d) Beaver Creek from mouth upstream 7 miles (9NB). Shown on 1934–36 survey of Verde River.

For areas in Arizona covered by United State Geological Survey standard topographic maps see plate 1.

AR K AN S A S

MISSISSIPPI RIVER from source to mouth has been surveyed for navigation and flood control by the Mississippi River Commission at different dates and with varying topographic detail. For copies of maps apply to Mississippi River Commission, St. Louis, Mo.


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(a) Red River (7N).

(b) Ouachita River from point near Hot Springs to T. 1 S., R. 24 W., 57 miles (7P). Plan by Corps of Engineers, United States Army, 1909-10. Scale, 1:63,360. Contour interval, 50 feet. Topography detailed. Map shows section of river through mountains, where dams are possible. Dam site on township line between 1, 2 S., R. 21 W., shown on scale 1:6,400, contour interval 10 feet and topography to 300 feet. Most of course is covered also by map on scale 1:15,000, in report published by Sixty-second Congress, second session, in House Document 588.

For areas in Arkansas covered by United States Geological Survey standard topographic maps see plate 1.

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MOJAVE RIVER from sec. 6, T. 7 N., R. 4 W., to sec. 6, T. 2 N., R. 4 W., 35 miles (10NE). Plan by Office of Public Roads, United States Department of Agriculture, and California State Department of Engineering. Scale, 1:82,200 (0.77 inch=1 mile). Contour interval, 50 feet. Topography shown over wide area for proposed irrigation. Published in report on utilization of Mojave River for irrigation in Victor Valley, California, by California Department of Engineering, in Bulletin 5, 1918.

KERN RIVER from point 8 miles above Bakersfield to sec. 9, T. 25 S., R. 33 E., 53 miles (11FC, 11FA, 11FB), and dam sites. Plan and profile, 1934. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Published in seven sheets (three plan, two profile, two dam sites) 1937.

Bakersfield dam site at mile 0.0 in sec. 35, 36, T. 28 S., R. 28 E. Scale, 1:4,800. Contour interval, 10 feet. Topography to 230 feet.

Democrat Springs dam site at mile 21.5 in sec. 6, T. 28 S., R. 31 E. Scale, 1:2,400. Contour interval, 10 feet. Topography to 460 feet.

Isabella (main) dam site at mile 41 in sec. 36, T. 26 S., R. 32 E. Scale, 1:2,400. Contour interval, 10 feet. Topography to 300 feet above water surface, or to 2,700 feet above sea level.

Isabella (auxiliary) dam site, about mile 42.2 in sec. 30, T. 26 S., R. 33 E., Scale, 1:4,800. Contour interval, 5 feet. Topography to 2,700 feet above sea level.

(a) South Fork Kern River from mouth to sec. 7, T. 26 S., R. 35 E., 13 miles (11FB). Shown on two sheets (one plan, one profile) 1934 survey of Kern River.

CARSON LAKE (10C).

(a) Carson River and tributaries, Nevada and California, from sec. 4, T. 15 N., R. 21 E., Nevada, upstream including West Fork to sec. 6, T. 10 N., R. 19 E., California, and East Fork and tributaries to sec. 28, T. 8 N., R. 21 E., California (10CB, 10CA). Plan and profile by United States Geological Survey in cooperation with United States Bureau of Reclamation, 1934-36. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Large-scale surveys of 13 dam sites. Published in 10 sheets (5 plan, 3 profile, and 2 dam sites), 1944.
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(b) West Fork Carson River from California-Nevada boundary to sec. 6, T. 10 N., R. 19 E., 17 miles (10CA). Shown on 1934-36 survey of Carson River and tributaries.

Hope Valley dam site, at mile 25.0 in sec. 25, T. 11 N., R. 18 E. Surveyed by United States Bureau of Reclamation, 1903. Scale, 1:2,400. Contour interval 5 feet. Topography to 130 feet.

(b) East Fork Carson River from Nevada-California boundary to sec. 28, T. 8 N., R. 21 E., 32 miles (10CA), and dam sites. Dam-site scale 1:4,800, contour interval, 10 feet. Shown on 1934–36 survey of Carson River and tributaries.

Dixon dam site, at mile 68.4 in sec. 28, T. 9 N., R. 21 E. Topography to 150 feet.

Silver King dam site, at mile 71.9 in sec. 2, T. 8 N., R. 21 E. Topography to 170 feet.

Silver Queen dam site, at mile 74.9 in sec. 11, T. 8 N., R. 21 E. Topography to 170 feet.

Mount Bullion dam site, at mile 61.7 in sec. 36, T. 10 N., R. 20 E. Topography to 250 feet.

Soda Springs dam site, at mile 77.2 in sec. 22, T. 8 N., R. 21 E. Topography to 200 feet.

Markleeville dam site, at mile 55.4 in sec. 11, T. 10 N., R. 20 E. Topography to 230 feet.

(c) Wolf Creek from mouth upstream 3 miles (10CA). Shown on 1934–36 survey of Carson River and tributaries.

Wolf Creek dam site, at mile 1.1 in sec. 29, T. 9 N., R. 21 E. Scale, 1:4,800. Contour interval, 10 feet. Topography to 200 feet.

(c) Pleasant Valley Creek from mouth upstream 5 miles (10CA). Shown on 1934–36 survey of Carson River and tributaries.

Upper Pleasant Valley dam site, at mile 2.7, and Lower Pleasant Valley dam site at mile 2.0. Scale, 1:4,800. Contour interval, 10 feet. Topography to 250 feet.

(c) Heenan Creek from mouth to and including Heenan Lake, 5 miles (10CA). Shown on 1934–36 survey of Carson River and tributaries.

Heenan Lake dam site, at mile 4.1 on Heenan Creek in sec. 3, T. 9 N., R. 21 E. Scale, 1:2,400. Contour interval, 5 feet. Topography to 100 feet above natural water surface.

SALTON SEA and vicinity (9LC). Surveyed 1925. Scale, 1:62,500. Contour interval, 10 feet. Topography 50 feet above water surface which was about 250 feet below sea level. Published in 1 sheet 40 by 40 inches, 1928.


For surveys of Colorado River above California-Nevada State line, see Arizona, Colorado, and Utah.


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interval, 5 feet. Topography to 50–100 feet. Published in two sheets by State Water Commission of California, 1914.


(b) Middle Fork San Joaquin River from mouth to Fish Creek, 14 miles (11FF). Plan and profile, 1912. Scale, 1: 31,680. Contour interval, 25 feet on land, 5 feet on water. Topography to 100–400 feet. Published in two sheets by State Water Commission of California, 1914.


(a) Kings River and tributaries from Piedra, sec. 8, T. 13 S., R. 24 E., to sec. 27, T. 12 S., R. 27 E., 32 miles (11FE), including South Fork, Middle Fork, and dam sites. Plan and profile, 1931 and 1936. Scale, 1: 24,000. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Published in set of six sheets (five plan, one profile).

Pine Flat dam site, at mile 3.6 in sec. 2, T. 13 S., R. 24 E. Scale, 1: 4,800. Contour interval, 10 feet. Topography to 635 feet.

Oat Mountain dam sites at mile 17.7 and 18.3 in sec. 22 and 23, T. 12 S., R. 26 E. Scale, 1: 2,400. Contour interval, 5 feet. Topography to 250 feet.

Kellers Ranch dam site, at mile 22.9 in sec. 21, T. 12 S., R. 26 E. Scale, 1: 2,400. Contour interval, 5 feet. Topography to 350 feet.

(b) South Fork Kings River from sec. 10, T. 13 S., R. 30 E., to sec. 16, T. 13 S., R. 31 E., 6 miles (11FE), showing Cedar Grove reservoir site. Scale, 1: 12,000. Contour interval, 10 feet on land, 5 feet on water. Topography detailed. Shown on one sheet, 1931–36 survey of Kings River and tributaries.

Cedar Grove dam site, in sec. 10, T. 13 S., R. 30 E. Scale, 1: 2,400. Contour interval, 5 feet. Topography to 450 feet.

(b) Middle Fork Kings River in T. 12 S., R. 29 E., from Silver Creek to point 4 miles upstream (11FE), showing Tehipeite Valley reservoir site. Scale, 1: 12,000. Contour interval, 10 feet on land, 5 feet on water. Dam-site scale, 1: 2,400; contour interval, 5 feet. Shown on one sheet, 1931–36 survey of Kings River and tributaries.

Silver Creek dam site in T. 12 S., R. 29 E. Topography to 600 feet.

Tehipeite dam site, in T. 12 S., R. 29 E. Topography to 400 feet.


(a) Stanislaus River from Knights Ferry in sec. 28, T. 1 S., R. 12 E., to Robinson Ferry, in sec. 24, T. 2 N., R. 13 E., 24 miles (11FP). Plan and profile, 1914. Scale, 1: 48,000. Contour interval, 25 feet on land, 5 feet on water. Topography to 150 feet. Published in two sheets, one plan, one profile, 1928.

(a) Stanislaus River from mouth to junction of Clark Fork and Relief Creek, 128 miles (11FO, 11FP), including Middle Fork. Profile compiled by California

(a) Middle Fork Stanislaus River (11FO), Beardsley Flat reservoir. Plan by California Power Board, 1922. Scale, 1:25,000. Two contours outlining reservoirs of 30,000 and 60,000 acre-feet capacity. Unpublished map in files of Federal Power Commission.


(b) Relief Creek from mouth upstream 12 miles (11FO). Profile by California Power Board, 1922. Scale, 1 inch = 7 miles. Unpublished map in files of Federal Power Commission.

(c) East Fork Relief Creek from mouth to source, 11 miles (11FO). Profile compiled by California Power Board, 1922. Scale, 1 inch = 7 miles. Unpublished map in files of Federal Power Commission.


(c) Highland Creek from mouth upstream, 18 miles (11FO). Profile compiled by California Power Board, 1922. Scale, 1 inch = 7 miles. Unpublished map in files of Federal Power Commission.

Spicer Meadows dam site, at elevation 6,380 feet. Scale, 1:1,800. Contour interval, 5 feet. Topography to 60 feet.

(b) South Fork Stanislaus River from mouth to upstream 40 miles (11FO). Profile compiled by California Power Board, 1922. Scale, 1 inch = 7 miles. Unpublished map in files of Federal Power Commission.


Sacramento River from sec. 15, T. 33 N., R. 5 W., to sec. 27, T. 36 N., R. 5 W., about 25 miles (11BG, 11BA, 11BE, 11BF) and tributaries, showing Shasta (Kennett) reservoir site. Plan, 1933–34. Scale, 1:12,000. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Published in 19 sheets (2 showing Shasta (Kennett) dam site) 1936.

Shasta (Kennett) dam site, in sec. 15, T. 33 N., R. 5 W. Scale, 1:1,200. Contour interval 5 and 20 feet on land, 1 foot on water. Topography to 620 feet.


Keswick dam site, in sec. 17, T. 32 N., R. 5 W. Scale, 1:1,200. Contour interval, 5 feet on land, 1 foot on water. Topography to 190 feet.

(a) Salt Creek from mouth to Fall Creek, sec. 27, T. 35 N., R. 4 W., 5 miles (11BA). Shown on 1933–34 survey of Sacramento River and tributaries.

(a) O'Brien Creek from mouth to sec. 9, T. 34 N., R. 4 W., 4 miles (11BA). Shown on 1933–34 survey of Sacramento River and tributaries.


(a) Pit River from sec. 27, T. 37 N., R. 7 E., to sec. 28, T. 41 N., R. 8 E., 40 miles (11BD), Big Valley reservoir site. Plan by United States Bureau of Reclamation, 1904. Scale, 1:31,680. Contour interval, 10 feet. Topography to 90 feet. Published map scale, 1:126,720; contour interval 20 feet. Published in report by State Water Commission of California, 1912.

Big Valley dam site in T. 37 N., R. 7 E. Scale, 1:1,200. Contour interval, 5 feet. Topography to 100 feet. Not published.


(a) Pit River and tributaries from mouth to sec. 22, T. 35 N., R. 1 W., about 80 miles (11BE). Shown on 1933–34 survey of Sacramento River and tributaries.


Jess Valley dam site. Scale, 1:6,830.


Round Valley dam site. Scale, 1:6,000.

(b) Squaw Creek from mouth to sec. 29, T. 35 N., R. 2 W., 10 miles (11BF). Shown on 1933–34 survey of Sacramento River and tributaries.
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(b) McCloud River from mouth to sec. 21, T. 36 N., R. 3 W., about 20 miles (11BF). Shown on 1933-34 survey of Sacramento River and tributaries.

(a) Backbone Creek from mouth to sec. 8, T. 34 N., R. 5 W., 7 miles (11BG). Shown on 1933-34 survey of Sacramento River and tributaries.

(a) Clear Creek from mouth to French Gulch, 32 miles (11BH). Shown on three sheets (two plan, one profile) 1934-36 survey of Sacramento River and tributaries.

Whiskeytown dam site, at mile 18.5 in sec. 27, T. 32 N., R. 6 W. Scale, 1:4,800. Contour interval, 10 feet on land, 1 foot on water. Topography to 260 feet.

(a) Deer Creek from point 8.3 miles from mouth upstream to sec. 26, T. 28 N., R. 5 E., 46 miles (11BN). Plan and profile, 1931-32. Scale, 1:31,680. Contour interval, 20 feet. Topography detailed. Published in three sheets (one plan, one showing dam site, and one profile).


(b) North Fork Deer Creek from mouth to source, including topography along possible line of diversion of Mill Creek to Deer Creek, 9 miles (11BN). Plan and profile, 1931-32. Scale, 1:31,680. Contour interval, 20 feet. Very little topography except at upper end and near mouth. Shown on two sheets (one plan, one profile), 1931 survey of Deer Creek.

(a) Feather River (11C).


(b) Yuba River from sec. 23, T. 16 N., R. 6 E., to sec. 12, T. 17 N., R. 7 E., about 15 miles (11CJ, 11CK), showing Upper Narrows reservoir site. Plan, 1934-35. Scale, 1:12,000. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Published in three sheets (one showing Upper Narrows dam site), 1937.


(b) Yuba River from confluence of North Fork and Middle Fork to point 1.5 miles downstream (11CG), and tributaries. Plan and profile by United States Geological Survey in cooperation with Corps of Engineers, United States Army, 1926, and 1934-36. Scale, 1:31,680. Contour interval, 20 feet on land, 5 and 20 feet on water. Topography detailed. Complete survey includes 46 miles on North Fork, 53 miles on Middle Fork, 65 miles on South Fork, and parts of minor tributaries. Published in 12 sheets (8 plan, 1 showing short section above, 6 showing dam sites, and 4 profile), 1940.

(c) North Fork Yuba River from junction with Middle Fork to Ladies Canyon, sec. 27, T. 20 N., R. 11 E., 46 miles (11CG), and dam sites. Dam-site contour interval, 10 feet. Shown on three sheets, 1934-36 survey of Yuba River and tributaries.

Shady Flat dam site at mile 42.2, in sec. 31, T. 20 N., R. 11 E. Scale, 1:2,400. Topography to 300 feet.

Goodyears Bar dam site, at mile 33.3, in sec. 6, T. 19 N., R. 10 E. Scale 1:4,800. Topography to 300 feet.
Indian Valley dam site at mile 25.0, in sec. 18, T. 19 N., R. 9 E. Scale, 1 : 4,800. Topography to 250 feet.

(c) Middle Fork Yuba River from Junction with North Fork Yuba River to sec. 3, T. 18 N., R. 13 E., 53 miles (11CH), and dam sites. Shown on two sheets, 1934-36 survey of Yuba River and tributaries.

Freemans Crossing dam site at mile 3.4 in sec. 32, T. 18 N., R. 8 E. Scale, 1 : 1,200. Contour interval, 5 feet. Topography to 250 feet.

Middle Fork Yuba River from junction with North Fork Yuba River to sec. 3, T. 18 N., R. 13 E., 53 miles (11CH), and dam sites. Shown on two sheets, 1934-36 survey of Yuba River and tributaries.

English Meadows dam site at mile 51.7 in sec. 32, T. 19 N., R. 8 E. Scale, 1 : 2,400. Contour interval, 10 feet. Topography to 130 feet.

Jackson Meadows dam site at mile 47.8 in sec. 18, T. 19 N., R. 13 E. Scale, 1 : 2,400. Contour interval, 5 feet. Topography to 150 feet.

Emory Flat dam site, at mile 6.6 in sec. 26, T. 18 N., R. 8 E. Scale, 1 : 2,400. Contour interval, 10 feet. Topography to 260 feet.

(d) South Fork Yuba River from mile 5 in sec. 36, T. 17 N., R. 7 E., to Soda Springs, at mile 65 (11CK), with tributaries and dam sites. Shown on three sheets, 1934-36 survey of Yuba River and tributaries.


Governor Stephens dam site, at mile 32.5 in sec. 7, T. 17 N., R. 11 E. Scale, 1 : 4,800. Contour interval, 10 feet. Topography to 350 feet.


Jones Bar dam site, at mile 6.4 in sec. 31, T. 17 N., R. 8 E. Scale, 1 : 2,400. Contour interval, 5 feet. Topography to 330 feet.

(d) Canyon Creek from junction with South Fork Yuba River to French Lake, 19 miles (11CK). Shown on two sheets, 1934-36 survey of Yuba River and tributaries.

Deadhorse Flat dam site, at mile 5.6. Scale, 1 : 4,800. Contour interval, 10 feet. Topography to 300 feet.

(d) Fordyce Creek from junction with South Fork Yuba River to mile 6 (11CK) Shown on one sheet, 1934-36 survey of Yuba River and tributaries.

(d) Poorman Creek from junction with South Fork Yuba River to mile 3 (11CK). Shown on one sheet, 1934-36 survey of Yuba River and tributaries.

(c) Deer Creek from junction with Yuba River to sec. 17, T. 16 N., R. 8 E., 12 miles (11CJ). Shown on one sheet, 1934-36 survey of Yuba River and tributaries.

Anthony House dam site in sec. 20, T. 16 N., R. 7 E. Scale, 1 : 2,400. Contour interval, 5 feet on land, 1 foot on water. Topography to 260 feet.

(a) Cache Creek from point 3 miles above Esparto to Bear Creek, sec. 32, T. 13 N., R. 4 W., 29 miles (11DB). Plan and profile, 1934-36. Scale, 1 : 31,680. Contour interval, 10 and 20 feet on land, 5 feet on water. Published in three sheets (one plan, one profile, and one dam site), 1939.

Dam site, at mile 4.0 in sec. 5, T. 10 N., R. 2 W. Scale, 1 : 2,400. Contour interval, 10 feet. Topography to 200 feet.

Two auxiliary dam sites, scale, 1 : 4,800.

(a) American River from Folsom to confluence of North and South Forks, 3 miles (11DH). Plan and profile, 1912. Scale, 1 : 31,680. Contour interval, 25 feet on land, 5 feet on water. Topography to 100 feet. Published in 1 of 12 sheets showing North, Middle and South Forks by State Water Commissioner of California, 1912.

(a) American River from bridge at Folsom to confluence of North and South Forks, 3 miles (11DH). Plan and profile, 1933-36. Scale, 1 : 24,000. Contour interval, 20 feet with 10-foot contours added in places in dashed lines on land
and 5 feet on water. Topography to 150 feet. Published in four plan sheets, one of which shows a dam site, two sheets showing dam sites, and two profile sheets, 1942.

Folsom dam site at mile 2.0 in sec. 24, T. 10 N., R. 7 E. Scale, 1: 4,800. Contour interval, 10 feet. Topography to 180 feet. Published with 1935-36 survey.

(b) North Fork American River from junction with South Fork to junction with Middle Fork, 20 miles and an additional 64 miles beyond the junction of North and Middle Forks, making a total of 84 miles (11DF, 11DD) and dam sites. Published in six sheets with the 1912 survey of American River described above.

(b) North Fork American River from junction with South Fork to junction with Middle Fork, 20 miles and an additional 17 miles beyond the junction of North and Middle Forks, making a total of 37 miles (11DD, 11DF) and dam sites. Dam-site scale, 1: 2,400; contour interval, 10 feet. Published with the 1935-36 survey of the American River described above.

Pilot Creek dam site, at mile 16.6 in sec. 34, 35, T. 12 N., R. 8 E. Topography to 160 feet.

Lower Auburn dam site, at mile 22.2 in sec. 11, T. 12 N., R. 8 E. Topography to 500 feet.

(b) Middle Fork American River from confluence with North Fork to mile 20 (11DE). Shown on 1935-36 survey of American River.


(c) Rubicon River from mouth to elevation 6,605 feet, 49 miles (11DE). Profile by California Power Board, 1922. Scale, 1 inch=8½ miles. Unpublished map in files of Federal Power Commission.

(d) Little South Fork of Rubicon River from mouth to point 5 miles above Gerla Creek, 15 miles (11DE). Profile compiled by California Power Board, 1922. Scale, 1 inch=8½ miles. Unpublished map in files of Federal Power Commission.


(b) South Fork American River from point 5 miles below Coloma power house, upstream 43 miles (11DG). Profile compiled by California Power Board, 1922. Scale, 1 inch=8½ miles. Unpublished map in files of Federal Power Commission.


(b) South Fork American River from mouth to mile 31 (11DG), and dam sites. Dam-site scale, 1: 4,800; contour interval, 10 feet. Shown on 1935-36 survey of American River.

Coloma dam site, at mile 13.7 in sec. 28, 29, T. 11 N., R. 9 E. Topography to 450 feet.
Webber Creek dam site, at mile 11.3 in sec. 30, T. 11 N., R. 9 E. Topography to 200 feet.


(e) Silver Creek. (11 DG).


(c) Alder Creek reservoir site from dam site in sec. 8, T. 10 N., R. 15 E., upstream about 2 miles (11DG). Plan by engineers of city of Sacramento. Scale, 1:10,200. Contour interval, 10 feet. Topography detailed. Dam-site scale, 1:4,800; contour interval, 10 feet, except as noted. Published in six sheets (three plan, one profile, two showing dam sites), 1938.

Monticello dam site, at mile 7.2 in sec. 29, T. 8 N., R. 2 W. Scale, 1:2,400. Topography to 200 feet.

Upper Monticello dam site, at mile 24.9, T. 9 N., R. 4 W. Scale, 1:2,400. Topography to 170 feet.

Devils Head dam site, at mile 36.7 in sec. 3, T. 10 N., R. 5 W. Topography to 180 feet.

Coyote Valley dam site, at mile 48.0, T. 11 N., R. 6 W. Also Coyote Valley Auxiliary A and Coyote Valley Auxiliary B. Topography to 180 feet at main dam site.

(b) Butte Creek from mouth to mile 4 in sec. 20, T. 10 N., R. 5 W. (11DC). Shown on two sheets (one plan, one profile). 1933-35 survey of Putah Creek.

(b) Jerusalem Creek from mouth to mile 5, sec. 27, T. 12 N., R. 6 W. (11DC). Shown on two sheets (one plan, one profile). 1933-35 survey of Putah Creek.

Jerusalem Creek dam site, at mile 5.8 in sec. 14, T. 11 N., R. 6 W. Scale, 1:4,800. Contour interval, 10 feet. Topography to 120 feet.

EEL RIVER. (11 ED).

(a) Middle Fork Eel River from mouth to sec. 11, T. 23 N., R. 11 W., 34 miles (11ED), and tributaries. Plan and profile, 1924-25. Scale, 1:31,680. Contour interval, 25 feet on land, 5 feet on water. Topography detailed. Published in three sheets (two plan, one profile), 1926.

(b) Black Butte River from mouth to sec. 1, T. 23 N., R. 11 W., 4 miles (11ED). Shown on two sheets (one plan, one profile) in set of three, 1924-25 survey of Middle Fork Eel River and tributaries.
(b) Williams Creek from mouth upstream to sec. 7, T. 23 N., R. 11 W., 4 miles (11ED). Shown on two sheets (one plan, one partial profile) in set of three, 1924–25 survey of Middle Fork Eel River and tributaries.

(b) Mill Creek from mouth to sec. 15, T. 23 N., R. 13 W., 12 miles (11ED), including all of Round Valley to elevation 1,550 feet. Shown on three sheets (two plan, one partial profile), 1924–25 survey of Middle Fork Eel River and tributaries.

(b) Elk Creek from mouth upstream to sec. 25, T. 20 N., R. 11 W., 10 miles (11ED). Shown on two sheets (one plan, one profile) in set of three, 1924–25 survey of Middle Fork Eel River and tributaries.

Klamath River from sec. 13, T. 13 N., R. 1 E., to sec. 28, T. 13 N., R. 2 E., 5 miles (11AL) and from sec. 12, T. 10 N., R. 3 E., to Oregon-California State line, 177 miles (11AL, 11AJ, 11AG, 11AE), and tributaries. Plan and profile, 1913–23. Scale, 1: 48,000. Contour interval, 25 feet on land; 5 feet on water. Topography 150–400 feet. Published in 14 sheets (eight plan, six profile), 1925. Complete survey includes also 25 miles in Oregon, published in 16 sheets (nine plan, seven profile); and dam sites on Klamath River (nine in California, three in Oregon), surveyed 1915, 1921, and 1923, scale 1: 2,400, contour interval 10 feet, comprising 3 sheets in set of 4 showing miscellaneous dam sites on Klamath River in California and Oregon.


(a) Scott River from mouth to sec. 28, T. 44 N., R. 10 W., 22 miles (11AH). Plan and profile, 1914. Shown on two sheets (one plan, one profile), 1913–23 survey of Klamath River and tributaries.

(a) Salmon River from mouth to forks in sec. 13, T. 10 N., R. 7 E., 19 miles (11AK). Plan and profile, 1914–15. Topography to 125–400 feet. Shown on two sheets (one plan, one profile), 1913–23 survey of Klamath River and tributaries.

(b) North Fork Salmon River from mouth to sec. 19, T. 40 N., R. 10 W., 21 miles (11AK). Plan and profile, 1914–15. Shown on two sheets (one plan, one profile), 1913–23 survey of Klamath River and tributaries.

(b) South Fork Salmon River from mouth in sec. 13, T. 10 N., R. 7 E., Humboldt meridian, to Little Grizzly Creek in sec. 18, T. 37 N., R. 10 W., Mount Diablo meridian, 30 miles (11AK). Plan and profile, 1914–15. Topography to 100–400 feet. Shown on three sheets (one plan, two profile), 1913–23 survey of Klamath River and tributaries.

(a) Trinity River and tributaries from Douglas City to Carrville, 53 miles on main stream (11AM), and dam sites. Plan and profile, 1934–36. Scale, 1: 31,680. Contour interval, 10 and 20 feet on land, 5 feet on water. Dam-site scale, 1: 4,800; contour interval, 10 feet. Topography detailed. Published in four sheets (three plan, showing also dam sites, and one profile), 1939.
Lowden dam site, at mile 8.4 in sec. 28, T. 33 N., R. 9 W. Topography to 310 feet.

Deadwood dam site, at mile 18.6 in sec. 17, T. 33 N., R. 8 W. Topography to 500 feet.

Lewiston dam site, at mile 20.3 in sec. 8, T. 33 N., R. 8 W. Topography to 200 feet.

Fairview dam site, at mile 29.0 in sec. 10, T. 34 N., R. 8 W. Topography to 480 feet.

Trinity Center dam site, at mile 36.0 in sec. 24, T. 35 N., R. 8 W. Topography to 480 feet.


The following tributaries of Trinity River are included on the same map.

(b) Dutton Creek from mouth upstream 1 mile.

(b) Browns Creek from mouth upstream 7.5 miles.

(c) Little Browns Creek from mouth upstream 1 mile.

(b) Unnamed Creek from mouth upstream 1.5 miles.

(b) Dutch Creek from mouth upstream 2 miles.

(b) Soldier Creek from mouth upstream 1 mile.

(b) Oregon Gulch from mouth upstream 2 miles.

(b) Canyon Creek from mouth upstream 1 mile.

(a) Trinity River from mouth to sec. 29, T. 6 N., R. 6 E., 39 miles (IIAN), and dam site. Plan and profile, 1921. Scale, 1: 48,000. Contour interval 25 feet on land, 5 feet on water. Topography to 200-300 feet. Shown on three sheets (one plan, two profile), 1913-23 survey of Klamath River and tributaries; dam site shown on one sheet miscellaneous dam sites, same survey.

Horse Linto Creek dam site, at mile 20. Scale, 1: 2,400. Contour interval, 10 feet. Topography to 240 feet.

(a) Trinity River from mouth to point about 20 miles above Lewiston, 110 miles (IIAM, IIAN), and dam sites. Profile by California Power Board, 1922. Scale, 1 inch = 15 miles. Unpublished map in files of Federal Power Commission.

Unpublished maps of the following dam sites on Trinity River were prepared by the California Power Board, 1922, and are in the files of the Federal Power Commission.

Fairview dam site, 6 miles above Lewiston, in sec. 10, T. 34 N., R. 8 W. Scale, 1: 2,740. Contour interval, 50 feet. Topography to 350 feet.

Lewiston dam site, in sec. 8, T. 33 N., R. 8 W. Scale, 1: 2,500. Contour interval, 25 feet. Topography to 175 feet.

Steiners Flat dam site, in sec. 34, T. 33 N., R. 10 W. Scale, 1: 2,400. Contour interval, 10 and 100 feet. Topography to 1,500 feet.

Helena dam site, in sec. 32, T. 34 N., R. 11 W. Scale, 1: 3,600. Contour interval, 10 feet. Topography to 370 feet.

Swede dam site, in sec. 23, T. 5 N., R. 7 E. Scale, 1: 2,400. Contour interval, 100 feet. Topography to 2,000 feet.

Ironside Mountain dam site, in sec. 35, T. 6 N., R. 6 E. Scale 1: 1,800 Contour interval, 10 feet. Topography to 270 feet.

Salyer dam site, in sec. 19, T. 6 N., R. 6 E. Scale, 1: 1,800. Contour interval, 10 feet. Topography to 180 feet.

Beaver dam site, 5 miles above mouth of Trinity River, in sec. 35, T. 9 N., R. 4 E. Scale, 1: 1,800. Contour interval, 10 feet. Topography to 180 feet.
(b) East Fork Trinity River from mouth to mile 4 (11AM). Shown on one sheet, 1934–36 survey of Trinity River and tributaries.

(b) Stuart Fork Trinity River from mouth to mile 7 (11AM). Shown on one sheet, 1934–36 survey of Trinity River and tributaries.

(c) East Fork Stuart Fork from mouth to mile 6 (11AM). Shown on one sheet, 1934–36 survey of Trinity River and tributaries.

(b) Rush Creek from mouth to mile 4 (11AM). Shown on one sheet, 1934–36 survey of Trinity River and tributaries.

(b) Weaver Creek from mouth to mile 4 (11AM). Shown on one sheet, 1934–36 survey of Trinity River and tributaries.

(b) South Fork Trinity River from mouth to sec. 26, T. 6 N., R. 5 E., 5 miles (11AO). Plan and profile, 1921. Scale, 1:48,000. Contour interval, 25 feet on land, 5 feet on water. Topography to 75–200 feet. Shown on parts of two sheets (one plan, one profile), 1913–23 survey of Klamath River and tributaries.


SMITH RIVER (12RE).


Small-scale maps of river basins in California and diagrams showing plans of power development are published in report entitled Hydroelectric power systems of California and their extensions into Oregon and Nevada, Water-Supply Paper 493.

For areas in California covered by United States Geological Survey standard topographic maps see plate 1.

COLORADO

MISSISSIPPI RIVER BASIN (6, 7).

(a) Missouri River (6).

(b) Platte River (6M).

(c) South Platte River from Eagle Rock in sec. 6, T. 8 S., R. 69W., to sec. 21, T. 12 S., R. 76 W., 97 miles (60A, 60C), including South Fork. Plan and profile, 1922. Scale, 1:31,680. Contour interval, 50 feet. Topography to 300–500 feet. Three sheets. Not published.


(d) North Fork South Platte River from mouth to Kanoshia Creek, 43 miles (60D). Plan and profile, 1922. Scale, 1:31,680. Contour interval, 50 feet. Topography to 300 feet. Plan shown on one sheet. Not published.


(d) Clear Creek from sec. 36, T. 3 S., R. 71 W., to sec. 17, T. 4 S., R. 75 W., 37 miles (60F), including Middle Fork. Plan and profile, 1923. Scale, 1:63,360. Contour interval, 50 feet. Topography to 300 feet. Plan shown on one sheet. Not published.

(e) South Fork Clear Creek from mouth to sec. 29, T. 4 S., R. 74 W., 2 miles (60F). Plan and profile, 1923. Scale, 1:63,360. Contour interval, 50 feet. Topography to 200-300 feet. Plan shown on part of one sheet. Not published.


(e) North Fork Clear Creek from mouth to sec. 34, T. 2 S., R. 73 W., 8 miles (60F). Plan and profile, 1923. Scale, 1:63,360. Contour interval, 50 feet. Topography to 300 feet. Plan shown on part of one sheet. Not published.

(d) St. Vrain Creek (60J).


(f) Middle St. Vrain Creek from mouth to sec. 18, T. 2 N., R. 72 W., 8 miles (60J). Plan and profile, 1923. Scale, 1:63,360. Contour interval, 50 feet. Topography to 300 feet. Plan shown on part of one sheet. Not published.


(c) Boulder Creek (60H).

(f) Middle Boulder Creek from Boulder in T. 1 N., R. 71 W., to sec. 18, T. 1 S., R. 73 W., 23 miles (60H). Plan and profile, 1923. Scale, 1:63,360. Contour interval, 50 feet. Topography to 300 feet. Plan shown on one sheet with South Fork Boulder Creek. Not published.

(f) South Boulder Creek from sec. 26, T. 1 S., R. 71 W., to sec. 6, T. 2 S., R. 73 W., 26 miles (60H). Plan and profile, 1923. Scale, 1:63,360. Contour interval, 50 feet. Topography to 300 feet. Plan shown on one sheet with Middle Boulder Creek. Not published.


(b) Beaver Creek from sec. 16, T. 17 S., R. 68 W., to forks in sec. 5, T. 17 S., R. 68 W., 2 miles (7AD). Plan and profile, 1921. Scale, 1: 31,680. Contour interval, 50 feet. Topography to 1,000 feet. Not published.

(c) East Fork Beaver Creek from mouth to sec. 15, T. 16 S., R. 68 W., 4 miles (7AD). Plan and profile, 1921. Scale, 1: 31,680. Contour interval, 50 feet. Topography to 200-1,000 feet. Not published.


COLORADO RIVER (9DA), Kremmling reservoir site. Plan by United States Bureau of Reclamation, 1905. Scale, 1: 45,000. Contour interval, 20 feet. Topography to 230 feet at dam site.

Dam sites in Gore Canyon immediately below reservoir. Scale, 1: 2,400 Contour interval, 10 feet. Topography to 200 feet.


COLORADO RIVER from canyon below Moab, Utah, to Mack, Colo., 69 miles in Utah and 16 in Colorado (9DM). This includes the Dewey reservoir site. Plan and profile by United States Geological Survey and Bureau of Reclamation, 1941 and 1943-45. Scale, 1: 24,000. Contour interval, 20 feet on land and 5 feet on water. Topography to 300 feet. Published in 14 sheets (11 plan, 3 profile), 1948.

(a) Troublesome Creek from sec. 11, T. 3 N., R. 80 W., upstream 3 miles (9DA), Rabbit Ear reservoir site, including East Fork Troublesome Creek. Surveyed by United States Geological Survey in cooperation with United States Bureau of Reclamation, 1937. Scale, 1: 12,000. Contour interval. 10 feet on land, 5 feet on water. Topography to 300 feet. Published in 14 sheets (11 plan, 3 profile), 1948.
water. Topography detailed. Published in two sheets (one plan, one profile), 1940.

(b) East Fork Troublesome Creek from sec. 32, T. 3 N., R. 79 W., upstream 6 miles (9DA), showing East Fork reservoir site. Shown on one sheet, 1937 survey of Troublesome Creek.

(a) Blue River from mouth to Breckenridge, 58 miles (9DB). Plan and profile, 1924. Scale, 1:63,360. Contour interval, 50 feet. Topography to 300 feet. Plan shown on one sheet. Not published.


(a) Roaring Fork from mouth to Snowmass, sec. 27, T. 8 S., R. 86 W., 29 miles (9DF). Plan and profile, 1924. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Published in two sheets (one plan, one profile), 1939.

Ruedi dam site, at mile 11.5 in sec. 18, T. 8 S., R. 84 W. Scale, 1:4,800. Contour interval, 10 feet. Topography to 200 feet.

(b) Frying Pan Creek from mouth upstream 2 miles (9DF). Shown on one sheet, 1934-38 survey of Roaring Fork.

(b) Frying Pan Creek from point 2 miles above mouth to Chapman Gulch in sec. 34, T. 8 S., R. 83 W., 24 miles (9DF). Plan and profile, 1934. Scale 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Published in two sheets (one plan, one profile), 1939.

(b) Crystal River from Carbondale to Marble, 29 miles (9DF), and Crystal River dam site. Plan and profile, 1934. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Published in two sheets (one plan, showing also Crystal River dam site, and one profile), 1939.

Crystal River dam site, at mile 12.5 in sec. 33, T. 9 S., R. 88 W. Scale, 1:4,800. Contour interval, 10 feet. Topography to 200 feet.

(b) Cattle Creek from point 1 mile above mouth to sec. 9, T. 7 S., R. 87 W., 10 miles (9DF). Plan and profile, 1934. Scale, 1:31,680. Contour interval, 20 feet. Topography to 100-200 feet. Published in one sheet, 1939.

Cattle Creek dam site, at mile 7.5 in sec. 8, T. 7 S., R. 87 W. Scale, 1:4,800. Contour interval, 10 feet. Topography to 200 feet.

(c) Coulter Creek from mouth to mile 2 (9DF), showing small reservoir site. Shown on part of one sheet, 1934 survey of Cattle Creek.

Coulter Creek dam site in sec. 5, T. 7 S., R. 87 W. Scale, 1:4,800. Contour interval, 10 feet. Topography to 60 feet.

(a) Plateau Creek.

(b) Buzzard Creek from sec. 28, T. 9 S., R. 92 W., to Crane Creek, about 4 miles (9DJ), showing Owens Creek reservoir site. Plan, 1936. Scale, 1:24,000. Contour interval, 10 feet on land, 5 feet on water. Topography detailed. Published in one sheet, 1937.

(a) Gunnison River from Lake Fork to Junction of Taylor River and East River, 40 miles (9EC, 9EA), and dam sites. Plan and profile, 1934-36. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Shows wide area of adjacent topography. Dam site scale, 1:4,800; contour interval, 10 feet.
Published in eight sheets (five plan, showing also dam sites, and three profile), 1938.

Lake Fork Junction dam site, at mile 0.5, approximately in sec. 4, T. 48 N., R. 4 W. Topography to 220 feet.
No. 1-A dam site, at mile 19.5 in sec. 23, 26, T. 49 N., R. 2 W. Topography to 350 feet.
No. 2-A dam site, at mile 20.0 in sec. 23, 26, T. 49 N., R. 2 W. Topography to 250 feet.
No. 3-A dam site, at mile 20.7 in sec. 24, T. 49 N., R. 2 W. Topography to 270 feet.
No. 3 dam site, at mile 39 in sec. 27, T. 51 N., R. 1 E. Topography to 350 feet.


(b) Taylor River to mile 4 (9EA). Shown on one sheet, 1934-36 survey of Gunnison River.

(b) East River to sec. 3, T. 13 S., R. 86 W., 30 miles (9EA). Shown on two sheets, 1934-36 survey of Gunnison River.

(c) Slate River from junction with East River to sec. 20, T. 13 S., R. 86 W., 15 miles (9EA). Shown on one sheet, 1934-36 survey of Gunnison River.

(b) Sapinero Creek from mouth to mile 3 (9EC). Shown on one sheet, 1934-36 survey of Gunnison River.

(b) Lake Fork Gunnison River from mouth to Lake San Crystobal, 42 miles (9EC). Shown on two sheets, 1934-36 survey of Gunnison River.

The following dam sites on Lake Fork of Gunnison River are shown on the 1934-36 survey of Gunnison River. Scale, 1: 4,800. Contour interval, 10 feet. Topography to 200 feet.

Independence Creek dam site, at mile 31.8 in sec. 2, T. 44 N., R. 4 W. Topography to 160 feet.

Gates dam site at mile 19.4 in sec. 7, T. 46 N., R. 3 W. Topography to 460 feet.

Riverside School dam site, at mile 14.1 in sec. 21, T. 47 N., R. 3 W. Topography to 180 feet.

Madera Siding dam site, at mile 12.4 in sec. 17, T. 47 N., R. 3 W. Topography to 230 feet.

(a) Dolores River from Mesa-Montrose county line in T. 49 N., R. 18 W., to point 3 miles above mouth of Disappointment Creek, 87 miles (9DK, 9DL). Plan and profile, 1915-16. Scale, 1: 48,000. Contour interval, 100 feet on land, 5 feet on water. Shown on three sheets in set of five covering Dolores River and San Miguel River, Colo., within Paradox Valley quadrangle.


(b) San Miguel River from mouth to point in sec. 15, T. 46 N., R. 15 W., 3 miles above Naturita Creek, 27 miles (9DK). Plan and profile, 1915-16. Scale, 1: 48,000. Contour interval, 100 feet on land, 5 feet on water. Detailed topography. Published on two sheets in set of five covering Dolores and San Miguel Rivers, Colo., with Paradox Valley quadrangle, 1928.

(a) Green River (all of river within Colorado State), 42 miles (9BA, 9AK). Plan and profile by United States Geological Survey and United States Bureau of Reclamation, 1904 and 1922. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography to 200-300 feet. Published in 3 sheets (2 plan, 1 profile); part of map of Green River from Green River, Utah, to Green River, Wy., published in 16 sheets (10 plan, 6 profile) by United States Geological Survey, 1924.

(b) Yampa River from sec. 14, T. 6 N., R. 86 W., to point in T. 1 N., R. 87 W., about 60 miles (9CA), and dam sites. Surveyed 1934-39. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Shows wide area of adjacent topography. Dam-site scale 1:4,800; contour interval 10 feet. Published in five plan sheets, 1947.

Pleasant Valley dam site, in sec. 21, 22, 27, 28, T. 5 N., R. 84 W. Topography to 180 feet.

Upper Stillwater dam site, at point about 16 miles above Yampa. Topography to 50 feet.

Intermediate dam site, at point about 14 miles above Yampa. Topography to 100 feet.

Middle Stillwater dam site, at point about 13 miles above Yampa. Topography to 50 feet.

Lower Stillwater dam site, at point about 11 miles above Yampa. Topography to 50 feet.

(b) Yampa River from mouth to sec. 32, T. 6 N., R. 93 W., 111 miles (9CB, 9CD). Plan and profile, 1922. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography to 100-200 feet. Published in five sheets (three plan, two profile), 1924.

The following dam sites were surveyed in 1922. Scale, 1:24,000. Contour interval, 10 feet. Out of stock.

Sand Draw dam site at mile 1.2. Topography to 170 feet.

Johnson’s Draw dam site at mile 21.4. Topography to 200 feet.

Browns Draw dam site at mile 32. Topography to 260 feet.

(c) Morrison Creek from junction with Yampa River to sec. 25, T. 3 N., R. 84 W., about 10 miles (9CA). Topography detailed. Shown on one sheet, 1934-39 survey of Yampa River.

Morrison Creek dam site, in sec. 3, 10 T. 3 N., R. 84 W. Scale, 1:4,800. Contour interval, 10 feet. Topography to 200 feet.


Three Forks dam site, in sec. 14, T. 12 N., R. 87 W. Scale, 1:4,800. Contour interval, 10 feet. Topography to 300 feet.

(c) Little Snake River from mouth to sec. 9, T. 7 N., R. 98 W., 12 miles (9CC). Plan, 1922. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography to 20-100 feet. Published on one sheet, 1922 survey of Yampa River.

(d) Middle Fork Little Snake River from mouth to mile 3 (9CC). Shown on 1935-39 survey of Little Snake River.

Middle Fork dam site, in sec. 21, 22, 27, 28, T. 12 N., R. 86 W. Scale, 1:4,800. Contour interval, 10 feet. Topography to 360 feet.
(d) North Fork Little Snake River from mouth upstream to Wyoming-Colorado State line, 1 mile (9CC). Shown on 1935-39 survey of Little Snake River.

Lower North Fork dam site, in sec. 16, T. 12 N., R. 86 W. Scale, 1:4,800. Contour interval, 10 feet. Topography to 400 feet.

(d) South Fork Little Snake River from mouth to mile 12, in sec. 35, T. 11 N., R. 87 W. (9CC). Dam-sites scale, 1:4,800; contour interval, 10 feet. Shown on 1935-39 survey of Little Snake River.

South Fork dam site, in sec. 20, 21, 28, 29, T. 12 N., R. 86 W. Topography to 250 feet.

Black Mountain dam site, in sec. 13, 14, T. 11 N., R. 87 W. Topography to 550 feet.

(d) Slater Creek from mouth to sec. 24, T. 10 N., R. 87 W., 80 miles (9CC), and dam sites. Dam-sites scale, 1:4,800; contour interval, 10 feet. Shown on 1935-39 survey of Little Snake River.

Walker dam site in sec. 6, 7, T. 10 N., R. 87 W., and sec. 1, 12, T. 10 N., R. 88 W. Topography to 180 feet.

Columbus Mountain dam site, in sec. 5, T. 10 N., R. 87 W. Topography to 250 feet.

State Park, or Farmers dam site, in sec. 3, 4, 9, 10, T. 10 N., R. 88 W. Topography to 150 feet.

State dam site, in sec. 21, T. 12 N., R. 89 W. Topography to 150 feet.

(a) San Juan River from Montezuma Creek in sec. 32, T. 33 N., R. 2 W., to West Fork in sec. 12, T. 36 N., R. 1 W., New Mexico principal meridian, 32 miles (9GA), and dam site. Plan and profile, 1933-34. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Published in three sheets (two plan, one profile), 1938.

Montezuma Creek dam site, in sec. 32, T. 33 N., R. 2 W. Scale, 1:4,800. Contour interval, 10 feet. Topography to 380 feet.


(a) San Juan River from Colorado-New Mexico State line (near Arboles) to sec. 22, T. 32 N., R. 4 W., New Mexico principal meridian, 11.4 miles (9GA). Arboles reservoir site. Plan by United States Bureau of Reclamation, 1933. Scale, 1:12,000. Contour interval 20 feet with 10-foot contours added in places. Topography detailed for Colorado portions of Arboles reservoir site. Map has been reduced to scale of 1:31,680 for incorporation and publication with San Juan River surveys described above. In preparation.

(b) Rio Blanco from mouth to mile 3 (9GA). Shown on two sheets (one plan, one profile), 1933-34 survey of San Juan River.

(b) Piedra River from mouth to sec. 21, T. 33 N., R. 5 W., New Mexico principal meridian, 8.5 miles (9GA). Surveyed by United States Bureau of Reclamation, 1933. To be published with 1933 survey of San Juan River.


(c) Devil Creek from mouth to sec. 8, T. 34 N., R. 4 W., New Mexico principal meridian, 2.8 mile (9GA). Shown on 1939 survey of Piedra River. In preparation.
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(c) Stollsteimer Creek from mouth to sec. 25, T. 34 N., R. 5 W., New Mexico principal meridian, 3 miles (9GA). Shown on 1939 survey of Piedra River. In preparation.

(b) Navajo River from mouth to sec. 13, T. 32 N., R. 3 W., New Mexico principal meridian, about 1½ miles (9GA). Shown on 1938-39 survey of San Juan River described above. In preparation.

For areas in Colorado covered by United States Geological Survey standard topographic maps see plate 1.

CONNECTICUT

Connecticut River between Hartford, Conn., and Holyoke, Mass. (1G). Plan by Corps of Engineers, United States Army, compiled from navigation surveys of 1803 and 1914 and from State, city, town, and railroad maps. Surveys include preliminary map of Connecticut River from Hartford, Conn., to Holyoke, Mass., scale, 1 inch=5 miles (1913); profile of same section, scale, 1 inch=20 feet; plan showing Hartford dam site and lock and Enfield dam site and lock, scale 1 : 7,200, contour interval 5 and 10 feet, topography to 20-90 feet, with elevations in river bed shown; computations of water surfaces and water heights. Seven sheets (four plan, one profile, two computation), in report, Connecticut River between Hartford, Conn., and Holyoke, Mass., Sixty-fourth Congress, First session, House Document 417, 1915.

For areas in Connecticut covered by United States Geological Survey standard topographic maps see plate 1.

DELWARE

For areas in Delaware covered by United States Geological Survey standard topographic maps see plate 1.

DISTRICT OF COLUMBIA

Potomac River. See Virginia (p. 111).

For areas in District of Columbia and immediate vicinity covered by United States Geological Survey standard topographic maps see plate 1.

FLORIDA

For areas in Florida covered by United States Geological Survey standard topographic maps see plate 1.

GEORGIA


Tugaloo River from confluence of Chattoga River and Tallulah River downstream to confluence with Seneca River (to form Savannah River), 46 miles (2JB). Plan and profile, 1903. Scale, 1 : 24,000. Contour interval, 10 feet. Topography to 10-70 feet. Continues survey of Savannah River and certain tributaries from point where map of Tallulah River from mouth to Persimmon Creek leaves off to point where map of Savannah River from Tugaloo River to Broad River begins. Elevations in Water-Supply Paper 197. Not published.

SAVANNAH RIVER from mouth of Tugaloo River to a point about 1 mile downstream (2JC). Plan by Corps of Engineers, United States Army, and United States Geological Survey, 1929-30. Scale, 1:24,000. Contour interval, 20 feet on land, 5 feet on river surface. Topography detailed to 640-foot contour above sea level. Shown on part of one sheet of 1929-30 survey of upper Savannah River Basin, South Carolina and Georgia. The set was printed in 7 sheets for administrative use only.


(c) Middle Fork Broad River from mouth to Thomason Bridge, about 14 miles (2JD). Plan by Corps of Engineers, United States Army, and United States Geological Survey, 1930. Scale, 1:24,000. Contour interval, 20 feet on land, 5 feet on river surface. Topography detailed to low-water contour of various reservoir sites. Shown on three sheets of 1929-30 survey of upper Savannah River Basin.

(b) Hudson River from mouth to Wrights Bridge, about 17 miles (2JD). Plan by Corps of Engineers, United States Army, and United States Geological Survey, 1930. Scale, 1:24,000. Contour interval, 20 feet on land, 5 feet on river surface. Topography detailed to high-water contour of various reservoir sites. Shown on part of one sheet of 1929-30 survey of upper Savannah River Basin.

(a) Little River from Raysville Bridge to Adams Creek, about 30 miles (2JH). Plan by Corps of Engineers, United States Army, and United States Geological Survey, 1930. Scale, 1:24,000. Contour interval, 20 feet on land, 5 feet on river surface. Topography detailed to 360-foot contour above sea level. Shown on one sheet of 1929-30 survey of upper Savannah River Basin.

ALTAMAHA RIVER. (2K).


(b) Yellow River from mouth to Yellow River (village), 56 miles (2KE). Plan and profile, 1903. Scale, 1:24,000. Contour interval, 10 feet. Topography to about 50 feet. Small-scale profile in Water-Supply Paper 115; elevations in Water-Supply Paper 197. Not published.

(b) Towaliga River from mouth to High Falls Bridge, 22 miles (2KF). Plan and profile, 1903. Contour map of Towaliga River was destroyed by fire; profile and sketched plan without contours preserved. Elevations in Water-Supply Paper 197. Not published.

(b) Oconee River, Greene-Hancock County line to McDonald Bridge, about 85 miles (2KA, 2KB). Plan by Corps of Engineers, United States Army, and United States Geological Survey, 1931. Scale, 1:24,000. Contour interval, 20 feet on land, 5 feet on river surface. Topography detailed to high-water contours of various reservoir sites. Shown on six sheets of 1930–31 survey of Ocmulgee and Oconee Rivers.


(c) Middle Fork Oconee River, mouth to point approximately 1 mile upstream from Howard Bridge, about 24 miles (2KA). Plan by Corps of Engineers, United States Army, and United States Geological Survey, 1931. Scale, 1: 24,000. Contour interval, 20 feet on land, 5 feet on river surface. Topography detailed to high-water contours of various reservoir sites. Shown on three sheets of 1930-31 survey of Ocmulgee and Oconee Rivers.

(b) Oconee River and Middle Fork Oconee River. Profile and projected plan without contours. Based on survey of section from Milledgeville to mouth of Apalachee River, by Corps of Engineers, United States Army, 1885, and of remaining section by United States Geological Survey, 1902. Not published.


(c) Apalachee River, mouth to point approximately 1 mile upstream from mouth to Hard Labor Creek, about 12 miles, and Heads Mill Bridge to Carithers Mill, about 22 miles (2KA). Plan by Corps of Engineers, United States Army, and United States Geological Survey, 1931. Contour interval, 20 feet on land, 5 feet on river surface. Topography detailed to high-water contours of various reservoir sites. Shown on four sheets of 1930-31 survey of Ocmulgee and Oconee Rivers.

CHATTahoochee River (head of Apalachicola River) from Chattahoochee to Franklin, 65 miles (2RC). Plan and profile, 1903. Scale, 1: 24,000. Contour interval, 10 feet. Topography to 50-100 feet. Not published.

CHATTahoochee River from Franklin to West Point, 38 miles (2RD, 2RC). Plan and profile, 1903. Scale, 1: 63,360. No contours shown in section from Franklin to Columbus. Not published.

CHATTahoochee River from West Point to Columbus, 37 miles (2RE, 2RD). Plan and profile, 1903. Scale, 1: 24,000. Contour interval, 10 feet. Topography to 50-100 feet. Not published.

CHATTahoochee River from Santee to Chestatee River, 55 miles (2RA). Plan and profile, 1903. Scale, 1: 24,000. Contour interval, 10 feet. Topography to 50-100 feet. Not published.


CHATTahoochee River from Columbus to Nacoochee, 250 miles (2R). Table of elevations in Water-Supply Paper 197.

(a) Soque River from mouth to Clarksville, 8 miles (2RA). Plan and profile, 1903. Scale, 1: 24,000. Contour interval, 10 feet. Topography to 20-50 feet. Small-scale profile in Water-Supply Paper 115; elevations in Water-Supply Paper 197.

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(a) Flint River from Woodbury to Creek Agency Reserve, 45 miles (2SB). Plan and profile, 1900. Scale, 1:36,000. No topography. Elevations in Water-Supply Paper 197. Map not published.


(a) Tallapoosa River from Tallapoosa to Alabama-Georgia State line, 3 miles (2VA). Profile and sketched plan 1904. Scale, 1:12,000 and 1:24,000. Part of map of river from Tallapoosa, Ga., to Matilda, Ala.

MISSISSIPPI RIVER BASIN (3).

(a) Ohio River (3).

(b) Tennessee River (3T).

(c) Hiwassee River from Hiwassee, Ga., to North Carolina-Georgia State line, 5 miles (3UJ), and to North Carolina-Tennessee State line. Plan and profile, 1903. Scale, 1:24,000. Contour interval, 10 feet. Topography to 50 feet. Elevations in Water-Supply Paper 197. Not published.

(d) Notteley River from Blairsville to North Carolina-Georgia State line, 20 miles (3UJ), showing river to mouth in North Carolina. Plan and profile, 1903. Scale 1:24,000. Contour interval, 10 feet. Topography to 40-70 feet. Small-scale profile in Water-Supply Paper 115; elevations in Water-Supply Paper 197.

(d) Toccoa River from Butts Bridge, near Dial, to Georgia-Tennessee State line, 36 miles (3UK). Plan and profile, 1903. Scale 1:24,000. Contour interval, 10 feet. Topography to 50 feet. Elevations in Water-Supply Paper 115 and 197.

For areas in Georgia covered by United States Geological Survey standard topographic maps see plate 1.

HAWAII

All the islands have been surveyed and the maps published. Scales 1:62,500 and 1:31,680. Contour interval, 10, 25, 50 feet.

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GREAT SALT LAKE. (10H).


(b) Malad River. (10HD).

(c) Devil Creek from sec. 18, T. 14 S., R. 36 E., to sec. 11, T. 13 S., R. 36 E., 10 miles (10HD), including dam sites and Deep Creek. Surveyed by United States Geological Survey in cooperation with the State of Idaho, 1938-39. Scale 1:31,680. Contour interval, 10 feet on land and water. Topography detailed. Dam-site scale, 1:2,400; contour interval, 5 feet. Published in three sheets (one plan, one profile, one dam site), 1940.

Dam site No. 1, at mile 7.1 in sec. 23, 24, T. 13 S., R. 36 E. Topography to 70 feet.

Dam site No. 2, at mile 7.8 in sec. 13, 24, T. 13 S., R. 36 E. Topography to 120 feet.
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Dam site No. 3, at mile 8.4 in sec. 13, T. 13 S., R. 36 E. Topography to 100 feet.


Dam site No. 1, in sec. 18, T. 14 S., R. 37 E. Scale, 1:2,400. Contour interval, 5 feet. Topography to 135 feet.

MUD LAKE BASIN (12GJ).

(a) Camas Creek (12GJ).

(b) West Camas Creek from junction with Steel Creek in sec. 8, T. 13 N., R. 38 E., upstream 2 miles (12GJ), and dam site. Surveyed by United States Geological Survey in cooperation with the State of Idaho, 1939. Scale, 1:12,000. Contour interval, 10 feet. Topography to 50–100 feet. Published in one sheet, 1944.

Steel Creek dam site, in sec. 8, T. 13 N., R. 38 E. Scale, 1:4,800. Contour interval, 5 feet. Topography to 110 feet.

BIG LOST RIVER BASIN (12GL).

(a) Big Lost River from point in unsurveyed sec. 20, T. 7 N., R. 20 E., to North Fork in unsurveyed sec. 36, T. 7 N., R. 19 E., 3 miles (12GL), and dam site. Surveyed by United States Geological Survey in cooperation with the State of Idaho, 1940. Scale, 1:24,000. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Published in one sheet with dam site, 1942.

Wild Horse dam site, in unsurveyed sec. 20, T. 7 N., R. 20 E. Scale, 1:4,800. Contour interval, 10 feet. Topography to 150 feet.

(b) North Fork Big Lost River from junction with Big Lost River to point in unsurveyed sec. 16, T. 7 N., R. 19 E., 5 miles (12GL). Shown on 1940 survey of Big Lost River. Published in one sheet, 1942.

Burnt Creek dam site, in unsurveyed sec. 23, T. 7 N., R. 19 E. Scale, 1:4,800. Contour interval, 10 feet. Topography to 150 feet.

LAVA SINKS BASIN (12GJ).

(a) Medicine Lodge Creek from a point near west boundary of sec. 17, T. 11 N., R. 34 E., upstream to a point in sec. 21, T. 12 N., R. 33 E., 8 miles (12GJ), and dam sites. Surveyed by United States Geological Survey in cooperation with the State of Idaho, 1939. Scale, 1:24,000. Contour interval, 20 feet. Topography to 100 feet. Dam-site scale, 1:4,800; contour interval, 5 feet. Published in one sheet, 1944.

Dam site in S1/2 sec. 7, T. 11 N., R. 34 E. Topography to 65 feet.

Dam site in NE1/4 sec. 2, T. 11 N., R. 38 E. Topography to 100 feet.

(b) Warm Creek from corner common to sec. 25, 26, 35, 36, T. 13 N., R. 32 E., upstream to point near west boundary of sec. 23, T. 13 N., R. 32 E., 1.5 miles (12GJ), and dam site. Surveyed by United States Geological Survey in cooperation with the State of Idaho, 1939. Scale, 1:24,000. Contour interval, 20 feet. Topography to 80 feet. Published in one sheet, 1944.

Dam site in sec. 25, 26, T. 13 N., R. 32 E. Scale, 1:4,800. Contour interval, 5 feet. Topography to 65 feet.

COLUMBIA RIVER (12).

(a) Kootenai River from point 1 mile below Moyie River, Idaho, to international boundary, Montana, 12 miles in Idaho, 99 miles in Montana (12AA, 12AB, 12AD, 12AE, 12AG), and dam site. Surveyed by United States Geological Survey, 1927, 1929, and 1934. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Published in nine sheets (five plan, two profile, two dam sites).

(b) Moyie River from Highway bridge 1 1/2 miles above mouth to international boundary (12AH) and dam sites. Scale, 1:31,680. Contour interval 20 feet. Topography detailed. Dam-site scale, 1:4,800. Contour interval, 10 feet. Three sheets (two plan, one profile). In preparation.

Meadow Creek dam site at Mile 11. Topography to 2,600 feet above sea level.

Eileen Dam site at Mile 5. Topography to 2,300 feet above sea level.


(a) Clark Fork and Pend Oreille River, including Pend Oreille Lake, from Horse Creek, Mont., in sec. 28, T. 27 N., R. 34 W., to Albany Falls, Idaho, in sec. 30, T. 56 N., R. 5 W., 4 miles in Montana, 73 in Idaho (12DG, 12DH, 12DJ, 12DM), and dam sites. Plan, 1926, Scale, 1:31,680. Contour interval, 5 feet. Topography to about 100 feet. Published in five sheets, 1927.


(b) Priest River from mouth to Priest Lake in sec. 5, T. 59 N., R. 4 W., 44 miles (12DL), and dam sites. Plan and profile, 1934. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Dam-site scale, 1:4,800, contour interval, 5 feet. Published in five sheets (two plan, 2 profile, one dam sites), 1937.

Dam site No. 1, at mile 42.0 in sec. 7, T. 59 N., R. 4 W. Topography to 80 feet.

Dam site No. 2, at mile 41.3 in sec. 13, T. 59 N., R. 5 W. Topography to 75 feet.
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Dam site No. 3, at mile 40.7 in sec. 18, T. 59 N., R. 4 W. Topography to 50 feet.

Dam site No. 4, at mile 35.1 in sec. 31, T. 59 N., R. 4 W. Topography to 70 feet.

Dam site No. 5, at mile 16.0 in sec. 8, T. 57 N., R. 4 W. Topography to 110 feet.

Dam site No. 6, at mile 9.8 in sec. 20, T. 57 N., R. 4 W. Topography to 185 feet.

(c) Lower West Fork Priest River from mouth to Moore Creek, sec. 5, T. 57 N., R. 5 W., 11 miles (12DL). Shown on 2 sheets (1 plan, 1 profile), 1934 survey of Priest River.

(a) Spokane River.

(b) Coeur d'Alene River from South Fork in sec. 31, T. 49 N., R. 2 E., to Jordan Creek, T. 53 N., R. 3 E., mile 59 (12EF), and dam sites. Plan and profile, 1934-36. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Dam-site scale, 1:4,800; contour interval, 10 feet. Published in six sheets (four plan, two profile), 1938.

Enaville dam site, at mile 1.5, sec. 19, T. 49 N., R. 2 E. Topography to 240 feet.

Hultman dam site, at mile 4, sec. 17, T. 49 N., R. 2 E. Topography to 120 feet.

Leland Glen dam site, at mile 19.5, sec. 25, 26, T. 50 N., R. 3 E. Topography to 260 feet.

Teddy Creek dam site, at mile 41, sec. 10, T. 51 N., R. 3 E. Topography to 240 feet.

Spion Kop dam site, at mile 50.2, sec. 8, T. 52 N., R. 3 E. Topography to 220 feet.

(c) North Fork Coeur d'Alene River from mouth to mile 12 in sec. 20, T. 50 N., R. 1 E. (12EF), and dam site. Shown on two sheets (1 plan, 1 profile), 1934-36 survey of Coeur d'Alene River.


(c) Tepee Creek from mouth to mile 10, sec. 30, T. 52 N., R. 2 E. (12EF). Shown on two sheets (1 plan, 1 profile), 1934-1936 survey of Coeur d'Alene River.

(a) Snake River from Milner to Pine Creek in sec. 17, T. 2 N., R. 43 E., 243 miles (12GG, 12GJ, 12GL, 12GN, 12GP, 12GR), and dam sites. Survey by United States Geological Survey in cooperation with United States Bureau of Reclamation, 1910, 1920, 1932, and 1934-36. Scale, 1:31,680. Contour interval, 10 and 20 feet on land, 5 feet on water. Topography in some sections shows only river banks, in others includes wide adjacent areas. Dam-site scale, 1:4,800; contour interval 10 feet. Surveys combined in one set and published in 19 sheets (12 plan, 3 showing also dam sites, 7 profile), 1939.


Mountain Sheep Creek dam site, between miles 50 and 51. Topography to 170 feet.
Corral Creek dam site, between miles 77 and 78. Topography to 350 feet.
Squaw Creek dam site, between miles 95 and 96. Topography to 280 feet.
32 Point Creek dam site, between miles 112 and 113. Topography to 170 feet.
Nelson Creek dam site, between miles 120 and 121. Scale, 1: 2,400. Topography to 90 feet.

(a) Snake River dam sites and power sites. Surveyed, 1921. Scale, 1: 6,000, except as noted; contour interval, 10 feet, except as noted. Mileage refers to distance above Enterprise. Published in four sheets entitled Miscellaneous dam and power sites Snake River, Enterprise to Minidoka, Idaho.

Guffy dam site at mile 43.5. Topography to 50 feet.
Crocker dam site at mile 41. Topography to 90 feet.
Halls Ferry dam site at mile 66.3. Topography to 110 feet.
Crane Falls dam site at mile 72.4. Topography to 90 feet.


(b) Henrys Fork from Junction with Snake River to St. Anthony, 32 miles (12GH). Plan and profile, 1934. Scale, 1: 31,680. Contour interval, 20 feet on land, 5 feet on water. Shows only river channel and immediately adjacent banks. Shown on two sheets (one plan, one profile), 1910–36 survey of Snake River from Minner to Pine Creek.


(b) Big Wood River from Konard Creek, 10 miles above Ketchum, Idaho, to Baker Creek, 6 miles (12GT) and dam site. Plan by United States Geological Survey in cooperation with the State of Idaho, 1941. Scale, 1: 24,000. Contour interval, 20 feet on land (10-foot contours added in dashed lines), and 5 feet on water. Topography to 200 feet. Published in one sheet.
Boulder Flats dam site on Big Wood River about mile 0.75 (12GT), Scale, 1: 4,800. Contour intervals, 10 feet on land, 1 foot on water. Topography to 250 feet.

(c) Warm Springs Creek from mouth, sections 11 and 14, T. 4 N., R. 17 E., Boise meridian, to Warfield Hot Springs, sec. 31, nine miles (12GT) and dam site. Plan by United States Geological Survey in cooperation with the State of Idaho, 1941. Scale, 1: 24,000. Contour interval, 20 feet on land, 5 feet on water. Topography to 200 feet. Shown on one sheet with Big Wood River survey.

Guyer Hot Springs dam site, on Warm Springs Creek, sec. 15, T. 4 N., R. 17 E., Boise meridian (12GT). Topography to 250 feet. (c) Warm Springs Creek from mouth, sections 11 and 14, T. 4 N., R. 17 E., Boise meridian (12GT). Topography to 400 feet.

(b) Bennett Creek from sec. 28, T. 2 S., R. 8 E., upstream 4 miles (12HA) and dam site. Surveyed by United States Geological Survey in cooperation with State of Idaho, 1939. Scale, 1: 24,000. Contour interval, 20 feet. Topography to 100 feet. Published in one sheet, 1944.

Dam site in SE1/4 sec. 9, T. 2 S., R. 8 E. Scale, 1: 4,800. Contour interval, 5 feet. Topography to 75 feet.

(b) Boise River from backwater of Arrowrock reservoir in sec. 29, T. 4 N., R. 6 E., to junction of North Fork and Middle Fork, 12 miles (12HD), showing tributaries and dam sites. Plan and profile, 1927. Scale, 1: 31,680. Contour interval, 50 and 100 feet on land, 5 feet on water. Topography to 200–400 feet. Complete survey includes 39 miles on North Fork, 39 miles on Middle Fork, 92 miles on South Fork, and parts of minor tributaries. Shown on two sheets (one plan, one profile) in set of seven covering Boise River and tributaries.


Upper Barber Flats dam site, at mile 13.6. Topography to 300 feet.

Lower Barber Flats dam site, at mile 13.3. Topography to 225 feet.

(b) Middle Fork Boise River from mouth to point 2 miles above Atlanta, 39 miles (12HD). Plan and profile, 1927. Scale, 1: 31,680. Contour interval 25, 50, and 100 feet on land, 5 feet on water. Topography detailed. Shown on two sheets (one plan, one profile) in set of 7, 1927 survey of Boise River and tributaries.

(c) Middle Fork Boise River (12HD) dam site. Plan and cross section by United States Reclamation Service and United States Geological Survey, 1927. Published in one sheet by United States Geological Survey.

Alexander Flats dam site, from mile 30.7 to mile 31.05 in sec. 24, T. 5 N., R. 7 E. Scale, 1: 4,800. Contour interval, 10 feet. Topography to 300 feet.

(c) South Fork Boise River from backwater of Arrowrock reservoir in sec. 33, T. 3 N., R. 6 E., to 1 mile above Ross Fork, 92 miles (12HD) and dam sites.


Indian Point dam site, at mile 36.4 in sec. 8, T. 1 S., R. 8 E. Contour interval, 20 feet on land, 5 feet on water. Topography to 165 feet. Shown on two sheets in set of seven, 1927 survey of Boise River and tributaries.

Anderson Ranch dam site, at mile 43.2 in sec. 1, T. 1 S., R. 8 E. Contour interval, 10 feet. Topography to 300 feet. Shown on two sheets in set of seven, 1927 survey of Boise River and tributaries.

Dog Creek dam site, at mile 61.7 in sec. 7, T. 2 N., R. 10 E. Contour interval, 20 feet. Topography to 150 feet. Shown on two sheets in set of seven, 1927 survey of Boise River and tributaries.

Bascum Ranch dam site, at mile 75.5. Contour interval, 10 feet. Topography to 200 feet. Shown on two sheets in set of seven, 1927 survey of Boise River and tributaries.

(d) Smoky Creek from mouth to point 5 miles upstream (12HD). Plan and profile, 1927. Scale, 1:31,680. Contour interval, 100 feet on land, 5 feet on water. Topography to 200-300 feet. Shown on two sheets (one plan, one profile) in set of seven, 1927 survey of Boise River and tributaries.

(e) Little Smoky Creek from mouth to point 10 miles upstream (12HD). Plan and profile, 1927. Scale, 1:31,680. Contour interval, 20 and 100 feet on land, 5 feet on water. Topography to 40-300 feet. Shown on two sheets (one plan, one profile) in set of seven, 1927 survey of Boise River and tributaries.

(b) Payette River from Horseshoe Bend, Idaho, to confluence of North Fork and South Fork, 15 miles (12HG), and tributaries above Horseshoe Bend. Plan and profile, 1924-25. Scale, 1:31,680. Contour interval, 20 feet. Topography detailed. Complete survey includes 41 miles on North Fork, 70 miles on South Fork, with dam sites; also parts of minor tributaries. Shown on two sheets in set of seven (four plan, three profile) covering Payette River and tributaries above Horseshoe Bend.


Cabarton dam site, at mile 43.6 in sec. 36, T. 13 N., R. 3 E. Scale, 1:4,800. Contour interval, 10 feet. Topography to 150 feet. Shown on one sheet of map of miscellaneous dam sites in connection with map of Payette River above Horseshoe Bend, Idaho.


Grandjean dam site, at mile 66.2. Scale, 1:4,800. Contour interval, 10 feet. Topography to 250 feet. Shown on 1 sheet of map of miscellaneous dam sites in connection with map of Payette River above Horseshoe Bend, Idaho.

Garden Valley dam site No. 1 at mile 7.65 and No. 2 at mile 7.0. Scale, 1:4,800. Contour interval, 10 feet. Topography to 200 feet above water surface at site No. 1, and to 150 feet at site No. 2. Shown on one sheet of map of miscellaneous dam sites in connection with map of Payette River above Horseshoe Bend, Idaho.


Lower Deadwood River dam site, at mile 24.4. Scale, 1:4,800. Contour interval, 10 feet. Topography to 150 feet. Shown on one sheet of map of miscellaneous dam sites in connection with map of Payette River above Horseshoe Bend, Idaho.


Peace Valley dam site, at mile 4.4. Scale, 1:4,800. Contour interval, 10 feet. Topography to 140 feet.


(c) East Fork Weiser River from mouth upstream 0.9 mile and from sec. 30, T. 17 N., R. 2 E., to sec. 31, T. 17 N., R. 2 E., 2 miles (12HF). The latter survey includes a 3-mile traverse to show canal route for diversion from East Fork to head of Mill Creek. Plan, 1936. Scale, 1:31,680. Contour interval, 20 feet on land and 5 feet on water. Topography detailed. In preparation.
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(d) Lost Creek from mouth in sec. 8, T. 18 N., R. 1 W., to sec. 8, T. 19 N., R. 1 W., 12 miles (12HF), and dam site. Plan, 1936. Scale, 1:31,680. Contour interval, 20 feet on land and 5 feet on water. In preparation.


Squaw Flat dam site in sec. 31, T. 17 N., R. 2 E., Scale, 1:4,800. Contour interval, 5 feet. Topography to 35 feet.


Brown dam site in sec. 37, 34, T. 13 N., R. 5 W., Topography to 210 feet.

Spangler dam site in sec. 11, T. 12 N., R. 5 W. Topography to 130 feet.


(b) Salmon River from sec. 6, T. 21 N., R. 22 E. (Salmon) to sec. 34, T. 11 N., R. 13 E. (Stanley), 124 miles (12JA). Plan and profile, 1916, 1919, and 1924. Scale, 1:31,680. Contour interval, 25 feet on land, 5 feet on water. Topography to 100-400 feet above water surface. Published in seven sheets (four plan, three profile).


(b) Salmon River from mouth to Little Salmon River, sec. 15, T. 24 N., R. 1 E. (Riggins), 87 miles (12JJ). Plan and profile, 1912. Scale, 1:31,680. Contour interval, 25 feet on land and 5 feet on water. Topography, 100 to 200 feet above water surface. Published in Water-Supply Paper 347.

Dam site near Stanley at mile 122.4, sec. 25 and 36, T. 11 N., R. 13 E. Surveyed, 1925. Scale, 1:4,800. Contour interval, 10 feet. Topography...
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to 400 feet. Published on one sheet, entitled Miscellaneous dam sites Bear Valley and Stanley Basin, Idaho. Out of stock.

(b) Salmon River. The following dam sites on Salmon River were surveyed in 1922, except McNabbs Point surveyed in 1924. Scale, 1:2,400. Contour interval, 10 feet. Published in 4 sheets entitled Miscellaneous dam sites Salmon River, Salmon to mouth; and at McNabbs Point near Challis, Idaho. Mileage for first 17 sites refers to distance below Salmon; mileage for remaining sites refers to distance below Riggins.

Dam site at mile 28. Topography to 100 feet above water surface.

Shoup dam site, at mile 40.8. Topography to 100 feet above water surface.

Long Tom dam site, at mile 59.4. Topography to 180 feet above water surface.

Pinnacle dam site, at mile 62. Topography to 90 feet above water surface.

Proctor Fall dam site, at mile 65.4. Topography to 130 feet above water surface.

Horse Creek dam site, at mile 73.4 Topography to 140 feet above water surface.

Dam site at mile 78.3. Topography to 110 feet above water surface.

Black Canyon dam site, at mile 89.7. Topography to 220 feet above water surface.

Dillinger Creek dam site, at mile 99.2. Topography to 130 feet above water surface.

Rattlesnake dam site, at mile 99.6. Topography to 90 feet above water surface.

Growler dam site, at mile 111. Topography to 170 feet above water surface.

Painted Rock dam site, at mile 118. Topography to 120 feet above water surface.

Castle dam site, at mile 127.6. Topography to 130 feet above water surface.

Crooked Bar dam site, at mile 136.5. Topography to 80 feet above water surface.

Rheims dam site, at mile 146.4. Topography to 120 feet above water surface.

Crevices dam site, at mile 160. Topography to 170 feet above water surface.

Poodle Dog diversion dam site, at mile 13 and mile 14. Topography to 120 feet above water surface.

Rhett Creek dam site, at mile 19.5. Topography to 100 feet above water surface.

Red Canyon dam site, at mile 41.7. Topography to 200 feet above water surface.

Green Canyon dam site, at mile 53.5. Topography to 140 feet above water surface.

Snow Hole dam site, at mile 63.5. Topography to 90 feet above water surface.

Section Line dam site, at mile 72. Topography to 80 feet above water surface.

Lower Canyon dam site, at mile 83. Topography to 180 feet above water surface.
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(c) Valley Creek from junction with Salmon River to source, 10 miles (12JA). Plan, 1925. Shown on two sheets, 1925 survey of Salmon River showing Bear Valley and Stanley Basin.

(c) Panther Creek from junction with Salmon River to Napias Creek. 20 miles (12JD). Plan and profile, 1930. Scale, 1:31,680. Contour interval, 20 feet. Topography detailed. Shown on two sheets in set of 7, 1930 survey of Middle Fork Salmon River and tributaries, and Panther Creek.

(d) Napias Creek from mouth upstream 3 miles (12JD). Plan and profile, 1930. Shown on one sheet, 1930 survey of Middle Fork Salmon River and tributaries and Panther Creek.

(c) Middle Fork Salmon River from mouth to Bear Valley Creek, 106 miles (12JD), and tributaries, and Panther Creek. Plan and profile, 1930. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography to 300 feet. Published in seven sheets (four plan, three profile).

Aparejo dam site on Middle Fork Salmon River, at mile 32.4, about 3 miles below junction of Camas Creek. Surveyed, 1930. Scale, 1:4,800. Contour interval, 20 feet. Topography to 400 feet above water surface. Shown on one sheet, 1930 survey of Middle Fork Salmon River and tributaries, and Panther Creek.

(c) Middle Fork Salmon River (12JD). Dam site on Middle Fork Salmon River just below junction of Bear Valley Creek and Marsh Creek. Surveyed, 1925. Scale, 1:4,800. Contour interval, 10 feet. Topography to 400 feet above water surface. Published in one sheet, entitled Miscellaneous dam sites, Bear Valley and Stanley Basin, Idaho. Out of stock.

(d) Bear Valley Creek from mouth to point about 12 miles upstream (12JD). Plan, 1925. Scale, 1:31,680. Contour interval, 10 feet. Topography detailed. Published in two sheets, 1925 survey of Salmon River showing Bear Valley and Stanley Basin. Out of stock.

(d) Pistol Creek from mouth upstream 3 miles (12JD). Plan and profile, 1930. Shown on one sheet, 1930 survey of Middle Fork Salmon River and tributaries and Panther Creek.

(d) Marble Creek from mouth upstream 3 miles (12JD). Plan and profile, 1930. Shown on one sheet, 1930 survey of Middle Fork Salmon River and tributaries, and Panther Creek.

(d) Loon Creek from mouth upstream 14 miles (12JD). Plan and profile, 1930. Shown on one sheet, 1930 survey of Middle Fork Salmon River and tributaries, and Panther Creek.

(d) Camas Creek from mouth upstream to sec. 8, T. 17 N., R. 17 E., 15 miles (12JD). Plan and profile, 1930. Shown on one sheet, 1930 survey of Middle Fork Salmon River and tributaries and Panther Creek.

(d) Big Creek from mouth upstream to Monumental Creek, 24 miles (12JD). Plan and profile, 1930. Shown on one sheet, 1930 survey of Middle Fork Salmon River and tributaries, and Panther Creek.


(c) South Fork Salmon River from mouth to Tyndall Creek in sec. 1, T. 14 N., R. 6 E., 81 miles (12JF), and tributaries, and Middle Fork Payette River. Plan and profile, 1929-30. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet
on water. Topography detailed. Published on five sheets, in set of eight covering South Fork Salmon River and tributaries and Middle Fork Payette River.

Reed dam site, at about mile 47.2 (12JF). Scale, 1:4,800. Contour interval, 10 feet. Topography to 250 feet.

(d) Tyndall Creek from mouth in sec. 1, T. 14 N., R. 6 E., upstream about 2 miles (12JF). Shown on one sheet, 1929-30 survey of South Fork Salmon River and tributaries, and Middle Fork Payette River.


Seven dam sites on Clearwater River were published on one sheet of map entitled Miscellaneous dam sites Clearwater River and tributaries.

Dam site, at mile 57.3 in sec. 36, T. 35 N., R. 2 E. Scale, 1:4,800. Contour interval, 10 feet. Topography to 165 feet. Published.


Three Devils dam site, at mile 93.8 in sec. 2, T. 32 N., R. 6 E. Scale, 1:2,400. Contour interval, 10 feet. Topography to 240 feet. Published.


Bright Angel Point dam site, at mile 19.3. Scale, 1:4,800. Contour interval, 10 feet. Topography to 460 feet. Published.


South Fork dam site, at mile 9.5. Scale, 1:4,800. Contour interval, 10 feet. Topography to 160 feet. Published.

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(c) Lolo Creek from mouth upstream 4 miles (12KB). Plan and profile, 1924. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Shown on 1924 survey of Clearwater River and tributaries.

(c) Orofino Creek from mouth upstream 4 miles (12KB). Plan and profile, 1924. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Shown on 1924 survey of Clearwater River and tributaries.

(c) North Fork Clearwater River from mouth to Kelley Creek, 103 miles (12KC). Plan and profile, 1924. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Shown on 1924 survey of Clearwater River and tributaries.

Bruce's Eddy dam site, at mile 2.0. Scale, 1:4,800. Contour interval, 10 feet. Topography to 230 feet. Published.


(c) Lapwai Creek (12KD).


Dam site on Mission Creek in NE1/4 sec. 25, T. 33 N., R. 3 W. Scale, 1:4,800. Contour interval, 5 feet.

For areas in Idaho covered by United States Geological Survey standard topographic maps see plate 1.

ILLINOIS

Mississippi River from Cairo to St. Louis (5MA, 5MB, 5MF, 5MH). Plan and profile, surveyed at different dates. Topography detailed. Published in report by Board on Examination and Survey of Mississippi River, Sixty-first Congress, first session, House Document 50.

Mississippi River between Missouri River and Minneapolis. For report by Chief of Engineers, United States Army, see Seventy-second Congress, first session, House Document 137.


Mississippi River from source to mouth has been surveyed for navigation and flood control by the Mississippi River Commission at different dates and with varying topographic detail. For copies of maps apply to Mississippi River Commission, St. Louis, Mo.

(a) Ohio River from Cairo, Ill., to Pittsburgh, Pa., 967 miles, surveyed for navigation by Corps of Engineers, United States Army, at different dates. Maps filed in district offices of Corps of Engineers.


(b) Wabash River (30, 3P).


(c) Little Wabash River from Carmi to point 4 miles above Louisville, 115 miles (3PR, 3PP, 3PO). Plan and profile by Office of Experiment Stations, United States Department of Agriculture, 1907-08. Scale, 1:24,000. No contours. Flood line shown. Published in 11 sheets, supplement to report of Rivers and Lakes Commission of Illinois, 1911. Table of distances and elevations shown in report entitled "Water Resources of Illinois," published by Rivers and Lakes Commission of Illinois, 1914.

(d) Skillet Fork from mouth to Baltimore & Ohio Southwestern Railway bridge, 92 miles (3PR). Plan and profile by Office of Experiment Stations, United States Department of Agriculture, 1907-8. Scale, 1:24,000. No contours. Flood line shown. Published in 11 sheets as a supplement to report of Rivers and Lakes Commission of Illinois, 1911. Table of distances and elevations shown in report entitled Water Resources of Illinois, published by Rivers and Lakes Commission of Illinois, 1914.


The following surveys of reservoir sites were made in Illinois in 1945 by the United States Geological Survey for the Corps of Engineers, United States Army. Scale, 1:24,000. Contour interval, 5 feet. The topography was carried to the proposed flow line of each site. This flow line together with the elevation of the water surface at the lower end of the survey is given after each site. The maps are not published, but prints can probably be obtained from the Chicago Office, Corps of Engineers, by paying for the cost of reproduction:

(a) Illinois River (5K, 5L).

(b) Fox River from sec. 3, T. 34 N., R. 4 E., to sec. 27, T. 37 N., R. 7 E., third principal meridian (5KG). Flow line 580 feet. Water surface at dam site 500 feet. Shown on 4 sheets.

(b) Vermilion River from sec. 6, T. 32 N., R. 2 E., to sec. 26, T. 29 N., R. 4 E., third principal meridian (5KH). Flow line 595 feet. Water surface at dam site 475 feet. Shown on 5 sheets.


(b) Mackinaw River from sec. 4, T. 25 N., R. 1 W., to sec. 6, T. 24 N., R. 5 E., third principal meridian (5LA). Flow line 710 feet. Water surface at dam site 616 feet. Shown on 11 sheets.


(c) South Fork of Sangamon River from sec. 17, T. 15 N., R. 4 W., to sec. 18, T. 12 N., R. 1 W., third principal meridian (5LE). Flow line 575 feet. Water surface at dam site 520 feet. Shown on 9 sheets.


(d) Sugar Creek.

(e) Lick Creek from sec. 25, T. 15 N., R. 6 W., to sec. 15, T. 14 N., R. 7 W., third principal meridian (5LE). Flow line 600 feet. Water surface at dam site 560 feet. Shown on 2 sheets.

(c) Salt Creek from sec. 11, T. 19 N., R. 1 E., to sec. 17, T. 19 N., R. 2 E., third principal meridian (5LE). Flow line 665 feet. Water surface at lower end of survey 616 feet and at upper end 630 feet. This map does not show the complete reservoir site. Shown on 2 sheets.


(d) Kickapoo Creek from sec. 34, T. 10 N., R. 6 E., to sec. 28, T. 10 N., R. 7 E., and Jubilee Creek from mouth to sec. 9, T. 10 N., R. 6 E., third principal meridian (5LE). Flow line 595 feet. Water surface at dam site 515 feet. Shown on 1 sheet.

(d) Sugar Creek from sec. 16, T. 21 N., R. 2 W., to headwaters of West Fork in secs. 27 and 28, T. 23 N., R. 2 W., and headwaters of Middle Fork in sec. 6, T. 23 N., R. 1 W., third principal meridian (5LE). Flow line 625 feet. Water surface at dam site 570 feet. Shown on 4 sheets.

(b) Spoon Creek from sec. 27, T. 9 N., R. 2 E., to sec. 3, T. 11 N., R. 5 E., fourth principal meridian (5LB). Flow line 595 feet. Water surface at dam site 520 feet. Shown on 7 sheets.

(b) La Moine River from sec. 13, T. 4 N., R. 5 W., to sec. 11, T. 6 N., R. 6 W., fourth principal meridian (5LF). Flow line 565 feet. Water surface at dam site 496 feet. Shown on 6 sheets.


(c). South Fork Sangamon River from mouth to sec. 27, T. 12 N., R. 2 W., 70 miles (5LD). Plan and profile, 1905–7 and 1922. Scale, 1 : 48,000. Contour
IOWA


For areas in Illinois covered by United States Geological Survey standard topographic maps see plate 1.

INDIANA

MISSISSIPPI RIVER BASIN (3).

(a) Ohio River from Cairo, Ill., to Pittsburgh, Pa., 967 miles. Survey for navigation by Corps of Engineers, United States Army, at different dates. Maps filed in district offices of Corps of Engineers.

(b) Wabash River (3P, 3O).


For areas in Indiana covered by United States Geological Survey standard topographic maps see plate 1.

IOWA

MISSISSIPPI RIVER from source to mouth has been surveyed for navigation and flood control by the Mississippi River Commission at different dates and with varying topographic detail. For copies of maps apply to Mississippi River Commission, St. Louis, Mo.

Mississippi River between Missouri and Minneapolis. For report by Chief of Engineers, United States Army, see Seventy-first Congress, first session, House Document 137.

(a) Missouri River from mouth to Three Forks, Mont., 2,551 miles. Plan by Corps of Engineers, United States Army, 1878-94. Scale, 1:63,360. No contours; topography indicated by hachures. Published in 93 sheets, including 9 index sheets, by Missouri River Commission, St. Louis, Mo.

For areas in Iowa covered by United States Geological Survey standard topographic maps see plate 1.
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KANSAS

MISSISSIPPI RIVER BASIN (6, 7).

(a) Missouri River from mouth to Three Forks, Mont., 2,551 miles. Plan by Corps of Engineers, United States Army, 1873-1894. Scale, 1: 63,360. No topography. Published in 96 sheets, including 9 index sheets, by Missouri River Commission, St. Louis, Mo.

(b) Kansas River (6R).

(c) Republican River. See Nebraska (p. 65).

(d) South Fork Republican River (6PK).

(e) Cleveland Run reservoir site in T. 2 S., R. 40 W., 0.5 mile (6PK). Plan. Scale, 1 : 4,320. Contour interval, 2 feet. Topography to 18 feet. Published in report Irrigation from reservoirs in western Kansas and Oklahoma, of Sixty-second Congress, third session in Senate Document 1021.


(a) Arkansas River (7B).


For areas in Kansas covered by United States Geological Survey standard topographic maps see plate 1.

KENTUCKY

MISSISSIPPI RIVER BASIN (3).

(a) Ohio River from Calro, Ill., to Pittsburgh, Pa., 967 miles. Surveyed for navigation by Corps of Engineers, United States Army, at different dates. Maps filed in district offices of Corps of Engineers.

(b) Tennessee River. For report by Chief of Engineers, United States Army, on the Tennessee River and tributaries in North Carolina, Tennessee, Alabama, and Kentucky, covering navigation, flood control, power development, and irrigation, see Seventy-first Congress, second session, House Document 328.

For areas in Kentucky covered by United States Geological Survey standard topographic maps see plate 1.

LOUISIANA

MISSISSIPPI RIVER from source to mouth has been surveyed for navigation and flood control by the Mississippi River Commission at different dates and with varying topographic detail. For copies of maps apply to Mississippi River Commission, St. Louis, Mo.


For areas in Louisiana covered by United States Geological Survey standard topographic maps see plate 1.

MAINE

Topography to 500 feet. Shown on 13 sheets in set of 61 published by International Boundary Commission.

(a) Southwest Branch St. John River from Little St. John Lake to boundary between Montmagny and Bellechasse Provincial Districts, Quebec, Canada (1AA). Plan by International Boundary Commission. Scale, 1:12,000. Contour interval, 20 feet. Topography to 50 feet in most of area. Shown on 11 sheets in set of 61 published by International Boundary Commission.

(a) St. Francis River from mouth to Lake Pohenagamuk, 45 miles (1AC). Plan and profile by International Boundary Commission. Scale, 1:12,000. Contour interval, 20 feet. Topography to 80-800 feet. Plan shown on 6 sheets in set of 61 published by International Boundary Commission. Profile not published.

St. Croix River from source to Calais, 124 miles (1BA). Plan by International Boundary Commission. Scale, 1:12,000. Contour interval, 10 feet. Topography to 1,000 feet. Published in 13 sheets, by International Boundary Commission.

St. Croix River and West Branch from mouth to Leweys Lake, 30 miles (1BA). Profile by State Water Storage Commission of Maine, about 1911. Scale, 1/4 inches=10,000 feet. Published in third annual report, Maine State Water Storage Commission, 1912.

(a) Monument Brook from source to mouth, 12 miles (1BA). Plan by International Boundary Commission. Scale, 1:6,000. Contour interval, 10 feet. Topography to 50 feet. Shown on 3 sheets in set of 18 published by International Boundary Commission.


Union River from Ellsworth to Great Pond, 34 miles (1BC), and certain ponds in its basin. Plan and profile, 1909. Scale, 1:24,000. Contour interval, 10 feet. Topography to 10-50 feet. Complete survey includes outlets of most of the lakes and ponds, and the dams at these outlets. Scale, 1:2,400. Published in five sheets (two showing plan and profile of river, three showing lakes, ponds, outlets, and dams).

Lakes, ponds, outlets, and dam shown on three sheets are: (1) Abrams, Scammon, and Molasses Ponds, and dams at their outlets, and dam on Webb Brook near Webb Pond outlet; (2) Alligator Lake, and Spectacle, and Rocky Ponds, and dams at their outlets; (3) former outlet of Branch Lake, and dam at present (1909) outlet; Great Pond, and dam at its outlet; and dam at Green Lake outlet. Out of stock.

Penobscot Basin lakes and ponds. Surveyed, 1907, shown on three sheets: (1) Chamberlain, Telos, and Webster Lakes, and Round Pond, at scale 1:48,000; (2) Allagash, Baskhegan, First and Second Grand Lakes, at scale 1:48,000; (3) Endless, Mattawamkeag, Pleasant, Schoodic, and Seboeis Lakes, at scale 1:63,360. Published in Water-Supply Paper 279, 1912.


(a) West Branch Penobscot River from Chesuncook Lake to Seboomook, 29 miles (1BD). Plan and profile, 1905. Scale, 1:24,000. Contour interval 10
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feet on land, 1 foot on water. Very little topography. Published in Water-Supply Paper 279.

(a) East Branch Penobscot River from First Grand Lake to Medway, 46 miles (1BF). Plan and profile, 1908. Scale, 1:24,000. Contour interval 10 feet on land, 1 foot on water. Very little topography. Published in Water-Supply Paper 279.

(a) Mattawamkeag River from Penobscot River to North Bancroft, 33 miles (1BG). Plan and profile, 1907. Scale, 1:24,000. Contour interval, 10 feet on land, 1 foot on water. Very little topography. Published in Water-Supply Paper 279.

(a) Piscataquis River from Harland to Barrows Falls, 60 miles (1BH). Plan and profile, 1910. Scale, 1:24,000. Contour interval, 5 feet. Topography to 5-25 feet. Published in 5 sheets, plan and profile on each. Out of stock.

(b) Sebec River from mouth to Sebec, 10 miles (1BH). Plan and profile, 1910. Scale, 1:24,000. Contour interval, 5 feet. Topography to 5-25 feet. Published in one sheet. Out of stock.

(b) Schoodic Stream from Schoodic Lake to mouth, 4 miles (1BH). Plan and profile, 1910. Scale, 1:24,000. Contour interval, 5 feet. Topography to 10-25 feet. Published on part of one sheet. Schoodic Lake shown in Water-Supply Paper 279.


(a) Moosehead Lake (1CB). Outline plan from surveys in 1900 and 1905. Scale, 1:63,360. Topography not shown. Part of lake is shown on topographic map to Moosehead quadrangle; scale, 1:62,500; contour interval, 20 feet.

(b) Moose River from Moosehead Lake to Brassua Lake, 3 miles (1CB). Plan, 1905. Scale, 1:15,840. Contour interval, 1, 10, and 20 feet. Topography to 20 feet. Published on part of one sheet. Out of stock.

(c) Holeb Pond (1CB). Plan by United States Geological Survey, 1900. Scale, 1:27,000. Contour interval, 10 feet. Topography to 10 feet. Published
on part of one sheet. Out of stock. Shown also on Attean Pond topographic map; scale, 1:48,000. Contour interval, 20 feet.

c) Attean Pond (1CB). Plan, 1906. Scale, 1:20,000. Contour interval, 5 feet. Topography to 15 feet. Published in one sheet. Out of stock. Most of pond also on Attean Pond topographic map; scale, 1:48,000; contour interval, 20 feet.

c) Wood Pond (1CB). Plan, 1905. Scale, 1:20,000. Contour interval, 5 feet. Topography to 10 feet. Published in one sheet showing also outlet; scale, 1:2,000; contour interval, 2 feet; topography at outlet, carried to 12 feet above water surface. Out of stock. Shown also on Attean Pond topographic map; scale, 1:48,000; contour interval, 20 feet.


c) Brassua Lake (1CB), with dam site. Plan, 1905. Scale, 1:15,840. Contour interval, 5 feet. Topography to 25 feet. Published on part of one sheet, showing also dam site at outlet; scale, 1:1,475; contour interval, 2 feet. Out of stock.


c) Brassua Lake (1OB), with dam site. Plan, 1905. Scale, 1:15,840. Contour interval, 5 feet. Topography to 25 feet. Published on part of one sheet, showing also dam site at outlet; scale, 1:1,475; contour interval, 2 feet. Out of stock.

c) Roach River (1OB).


(a) Dead River from mouth to Chain of Ponds, 76 miles (1CC). Plan and profile, 1910. Scale, 1:24,000. Contour interval, 1 foot and 5 feet. Topography to 15-25 feet. Published on 6 sheets, plan and profile on each. Also shown are two dam sites at outlet of Greenbush Reservoir and one at outlet of Chain of Ponds. Scale, 1:2,400; contour interval, 2 feet. Long Falls on Dead River; scale, 1:2,400; contour interval, 2 feet. Shown on sheet 1. Out of stock.

(b) South Branch Dead River from mouth upstream 11 miles (1CC), showing Twin Pond and dam site. Plan and profile, 1910. Scale, 1:24,000. Contour interval, 1 foot and 5 feet. Topography to 15-25 feet. Published in one sheet. Showing also Twin Pond and dam site at outlet, scale, 1:2,400; contour interval, 2 feet; Topography to 20 feet. Out of stock.


(b) Spring Lake (1CC). Plan, 1906. Scale, 1:48,000. Contour interval, 10 feet. Topography to 20 feet. Published on part of one sheet. Out of stock.

(b) Spencer Stream from mouth upstream 9 miles (1CC). Plan and profile, 1910. Scale, 1:24,000. Contour interval, 1 foot and 5 feet. Topography to 10-20 feet. Published. Out of stock.

(c) Little Spencer Stream from mouth upstream 4 miles (1CC). Plan and profile, 1910. Scale, 1:24,000. Contour interval, 1 foot and 5 feet. Topography to 10-20 feet. Published on part of one sheet. Out of stock.


(a) Sandy River from mouth to Madrid, 61 miles (1CD). Plan and profile, 1910. Scale, 1:24,000. Contour interval, 1 foot and 5 feet. Topography to 10-25 feet. Published in five sheets, plan and profile on each. Clear Water Pond and outlet on tributary are shown on one sheet. Out of stock.

(a) Sebasticook River (1CE, 1CG).
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(b) Moose Pond (1CG). Plan, 1912. Scale, 1:24,000. Contour interval, 5 feet. Topography to 15 feet. Published in one sheet. Out of stock.

ANDROSCOGGIN RIVER from Brunswick to Umbagog Lake, 167 miles (1DB, 1DC). Plan and profile, 1906. Scale, 1:24,000. Contour interval, 20 feet. Topography to 20-240 feet. Published in 10 sheets; Brunswick to Livermore Falls, 56 miles, profile only, two sheets, remaining distance shown on eight sheets, plan and profile on each. Out of stock.


(b) Rapid River from Umbagog Lake to point above Pond-in-River, 6 miles (1DB). Plan and profile, 1910. Scale, 1:12,000. Contour interval, 5 feet. Topography to 10-20 feet. Published on one sheet. Out of stock.

(c) Upper Richardson Lake and Lower Richardson Lake (1DB), with dam and outlet of lower lake. Plan, 1909. Scale, 1:48,000. Contour interval, 5 feet. Topography to 15 feet. Dam-site scale, 1:4,800. Published in two sheets: lakes on part of one, dam and outlet on another. Out of stock.

(d) Mooselookmeguntic Lake (1DB). Plan, 1909. Scale, 1:48,000. Contour interval, 5 feet. Topography to 10 feet. Dam-site scale, 1:4,800. Published on two sheets, lake one one, dam and outlet on part of another. Out of stock.

(e) Kennebago River from Rangeley River to Kennebago Falls, 12 miles (1DB), and outlet of Kennebago Lake. Plan and profile, 1910. Scale, 1:12,000. Contour interval, 5 feet. Topography to 10-20 feet. Outlet scale, 1:4,800; topography to 30 feet. Published on one sheet. Out of stock.


(e) Rangeley River from Rangeley Lake dam to Kennebago River, 1 mile (1DB), shows outlet of Kennebago Lake and Kennebago River. Plan and profile, 1910. Scale, 1:12,000. Contour interval, 5 feet. Very little topography. Published on one sheet. Out of stock.

(b) Rangeley Lake (1DB), and outlets. Plan, 1910. Scale, 1:24,000. Contour interval, 5 feet. Topography to 20 feet above water surface. Outlet scale, 1:2,400, contour interval, 5 feet for 15 feet above water surface. Published in two sheets (one lake, one outlet). Out of stock.

SACO RIVER from mouth to Maine-New Hampshire State line, 81 miles (1DG, 1DE). Profile by Maine State Water Storage Commission, about 1910. Scale, about ½ inch = 1 mile. Published in second annual report, Maine State Water Storage Commission, 1911.

For areas in Maine covered by United States Geological Survey standard topographic maps see plate 1.

MARYLAND

SUSQUEHANNA RIVER. See Pennsylvania (p. 94).

POTOMAC RIVER. See Virginia (p. 111).

MISSISSIPPI RIVER BASIN (3).

(a) Ohio River (3).

(b) Monongahela River (3B).

(c) Youghiogheny River from point 16 miles above Friendsville upstream 7 miles (3BJ), Youghiogheny River reservoir site No. 5, which extends up Little Youghiogheny River to Oakland. Plan and profile by Flood Commission of Pittsburgh, based on United States Geological Survey maps, 1910. Scale, 1:50,000. No topography. Published in report by Flood Commission of Pittsburgh, 1911.
(c) Youghiogheny River from point 5.5 miles above Friendsville upstream 6 miles (3BJ), Youghiogheny River reservoir site No. 4. Plan and profile by Flood Commission of Pittsburgh, based on United States Geological Survey maps, 1910. Scale, 1:50,000. No topography. Published in report by Flood Commission of Pittsburgh, 1911.

(c) Youghiogheny River from point 1.5 miles above Friendsville upstream 2 miles (3BJ), Youghiogheny River reservoir site No. 3. Plan and profile by Flood Commission of Pittsburgh, based on United States Geological Survey maps, 1910. Scale, 1:50,000. No topography. Published in report by Flood Commission of Pittsburgh, 1911.

(c) Youghiogheny River from Pennsylvania-Maryland state line upstream 5 miles (3BJ), Youghiogheny River reservoir site No. 2. Plan and profile by Flood Commission of Pittsburgh, based on United States Geological Survey maps, 1910. Scale, 1:50,000. No topography. Published in report by Flood Commission of Pittsburgh, 1911.

For areas in Maryland covered by United States Geological Survey standard topographic maps see plate 1.

MASSACHUSETTS

CONNECTICUT RIVER (1G).

(a) Deerfield River from mouth to junction with East Branch, 62 miles (1GL). Profile compiled by Commission on Waterways and Public Lands, 1916-17. Scale, 1 inch=5 miles. Published in report on water resources of Massachusetts, by Commission on Waterways and Public Lands, 1918.

(a) Ware River (head of Chicopee River) from mouth to Smithville dam, 28 miles (1GM). Profile compiled by Commission on Waterways and Public Lands, 1916-17. Scale, 1 inch=5 miles. Published in report on water resources of Massachusetts, by Commission on Waterways and Public Lands, 1918.

(a) Chicopee River from mouth to junction of Swift and Quaboag Rivers at Three Rivers, 18 miles (1GM). Profile compiled by Commission on Waterways and Public Lands, 1916-17. Scale, 1 inch=5 miles. Published in report on water resources of Massachusetts, by Commission on Waterways and Public Lands, 1918.

(b) Swift River from mouth to North Dana dam, 25 miles (1GM). Profile compiled by Commission on Waterways and Public Lands, 1916-17. Scale, 1 inch=5 miles. Published in report on water resources of Massachusetts, by Commission on Waterways and Public Lands, 1918.

(b) Quaboag River from mouth to East Brookfield, 27 miles (1GM). Profile compiled by Commission on Waterways and Public Lands, 1916-17. Scale, 1 inch=5 miles. Published in report on water resources of Massachusetts, by Commission on Waterways and Public Lands, 1918.

(a) Westfield River from mouth to confluence of East Branch and West Branch, 24 miles (1GN). Profile compiled by Commission on Waterways and Public Lands, 1916-17. Scale, 1 inch=4 miles. Published in report on water resources of Massachusetts, by Commission on Waterways and Public Lands, 1918.

(b) East Branch Westfield River from mouth to East Windsor Branch, 27 miles (1GN). Profile compiled by Commission on Waterways and Public Lands, 1916-17. Scale, 1 inch=5 miles. Published in report on water resources of Massachusetts, by Commission on Waterways and Public Lands, 1918.

(b) West Branch Westfield River from mouth to railroad bridge at Becket, 16 miles (1GN). Profile compiled by Commission on Waterways and Public Lands, 1916-17. Scale, 1 inch=5 miles. Published in report on water resources of Massachusetts by Commission on Waterways and Public Lands, 1918.

MEGRIMACK RIVER (1E).
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(a) Nashua River from Massachusetts-New Hampshire State line to junction of North Fork and South Fork, 23 miles (1EE). Profile compiled by Commission on Waterways and Public Lands, 1916-17. Scale, 1 inch=5 miles. Published in report on water resources of Massachusetts, by Commission on Waterways and Public Lands, 1918.

(b) South Branch Nashua River from mouth to Wachusett reservoir, 5 miles (1EE). Profile compiled by Commission on Waterways and Public Lands, 1916-17. Scale, 1 inch=5 miles. Published in report on water resources of Massachusetts, by Commission on Waterways and Public Lands, 1918.

(b) North Branch Nashua River from mouth upstream 17 miles (1EE). Profile compiled by Commission on Waterways and Public Lands, 1916-17. Scale, 1 inch=5 miles. Published in report on water resources of Massachusetts, by Commission on Waterways and Public Lands, 1918.

Tauton River from tidewater to Salisbury Lake, 44 miles (1FD). Profile compiled by Commission on Waterways and Public Lands, 1916-17. Scale, 1 inch=5 miles. Published in report on water resources of Massachusetts, by Commission on Waterways and Public Lands, 1918.

For areas in Massachusetts covered by United States Geological Survey standard topographic maps see plate 1.

MICHIGAN

For areas in southern Michigan covered by United States Geological Survey standard topographic maps see plate 1.

MINNESOTA

Most river surveys in Minnesota were made by the United States Geological Survey in cooperation with the State of Minnesota. The maps were published by the State; small-scale maps in maps and profiles, and large-scale maps in Atlas of water resources of Minnesota, both of which form parts of a report entitled Water Resources of Minnesota, 1909-12; published by Minnesota State Drainage Commission, 1912. All maps in the following list are published in that report, except as noted.

Lake Superior (4A).

(a) Pigeon River from Pigeon Bay to South Fowl Lake, 30 miles (4AA). Plan and profile. Scale, 1:12,000. Contour interval, 10 feet on land, 5 feet on water. Topography to 10-100 feet. Four sheets.

(b) Brule River from mouth upstream 7 miles (4AA). Plan and profile. Scale, 1:12,000. Contour interval, 20 feet on land, 10 feet on water. Topography to 60-200 feet. One sheet.


(a) Cascade River from mouth upstream 7 miles (4AA). Plan and profile. Scale, 1:12,000. Contour interval, 20 feet on land, 10 feet on water. Topography to 20-100 feet. One sheet.

(a) Poplar River from mouth upstream 6 miles (4AA). Plan and profile. Scale, 1:12,000. Contour interval, 20 feet on land, 10 feet on water. Topography to 100-200 feet. One sheet.

(a) Temperance River from mouth upstream 5 miles (4AA). Plan and profile. Scale, 1:12,000. Contour interval, 20 feet on land, 10 feet on water. Topography to 20-100 feet. One sheet.
(a) Cross River from mouth upstream 8 miles (4AB). Plan and profile. Scale, 1:12,000. Contour interval, 20 feet on land, 10 feet on water. Topography to 20-100 feet. One sheet.

(a) Manitou River from mouth upstream 5 miles (4AB). Plan and profile. Scale, 1:12,000. Contour interval, 20 feet on land, 10 feet on water. Topography to 40-160 feet. One sheet.

(a) Baptism River from mouth upstream 9 miles (4AB). Plan and profile. Scale, 1:12,000. Contour interval, 20 feet on land, 10 feet on water. Topography to 20-160 feet. One sheet.

(a) Beaver Bay River from mouth upstream 6 miles (4AB). Plan and profile. Scale, 1:12,000 Contour interval, 20 feet on land, 10 feet on water. Topography to 20-200 feet. One sheet.

(a) Gooseberry River from mouth upstream 3 miles (4AC). Plan and profile. Scale, 1:12,000. Contour interval, 20 feet on land, 10 feet on water. Topography to 20-100 feet. One sheet.

(a) St. Louis River from Scanlon to Norman, 149 miles (4AD, 4AE, 4AF). Plan and profile. Scale, 1:24,000. Contour interval, 10 feet on land, 1 foot on water. Topography to 20-50 feet. Seven sheets.

(b) Cloquet River from mouth to Brimson, 70 miles (4AF). Plan and profile. Scale, 1:24,000. Contour interval, 10 feet on land, 1 foot on water. Topography to 20-50 feet. Four sheets.

NELSON RIVER and LAKE WINNIPEG (Canada).

(a) Red River from international boundary to Lake Traverse, 455 miles (50, 5P). Plan and profile by Bureau of Public Roads, United States Department of Agriculture. Scale of plan, 1:53,000; profile, 1 inch=10 miles. No topography, but many elevations are given on plan. Published in Report on drainage and prevention of overflow in the valley of the Red River of the North, United States Department of Agriculture Bulletin 1017, 1922.

(b) Ottertail River from Phelps in sec. 34, T. 134 N., R. 41 W., to sec. 26, T. 132 N., R. 44 W., 50 miles (50B). Plan and profile. Scale, 1:12,000. Contour interval, 5 feet on land, 1 foot on water. Topography to about 50 feet. Seven sheets.

(c) Ottertail Lake, 4 miles (50B). Plan, Scale, 1:24,000. Contour interval, 5 and 10 feet. Very little topography. One sheet.

(b) Wild Rice River from sec. 1, T. 144 N., R. 42 W., to sec. 31, T. 144 N., R. 48 W. 104 miles (50H). Plan and profile. Scale, 1:12,000. Contour interval, 10 feet on land, 1 foot on water. Topography to 10-50 feet. Eight sheets.

(b) Red Lake River from Crookston to Red Lake, 143 miles (5PB). Plan and profile. Scale, 1:24,000. Contour interval, 10 feet on land, 1 foot on water. Very little topography. Six sheets.


(c) Lower Red Lake, 24 miles (5PA). Plan. Scale, 1:36,000. Contour interval, 5 feet. Topography to about 20 feet. One sheet.

(b) Roseau River from international boundary to Roseau, approximately 50 miles (5PG). Plan, 1929-30. Scale, 1:31,650. Contour interval, 2 feet. Topography detailed, showing wide adjacent area. Published in 2 sheets for administrative use only.

(a) Winnipeg River and Lake of the Woods, Canada.

(b) Rainy River (5N).

(c) Birch River from mouth to sec. 23, T. 62 N., R. 11 W., 4 miles (5NA). Plan shown on map of Kawishiwi River and certain lakes.
(c) Kawishiwi River and certain lakes, from sec. 29, T. 62 N., R. 10 W., to T. 62 N., R. 11 W., 29 miles (5NA), showing short sections of Kawishiwi and Birch Rivers, and Birch, Farm Garden, and White Iron lakes. Plan. Scale, 1: 24,000. Contour intervals on land and water, 5 feet, except between Fall Lake and Garden Lake, 10 feet. Very little topography. One sheet.

(c) Vermilion River from Vermilion Lake in sec. 11, T. 63 N., R. 17 W., to Crane Lake, 42 miles (5NB). Plan and profile. Scale, 1: 24,000. Contour interval on land, 5 feet to foot of Chain of Lakes, 10 feet below foot of Chain of Lakes; on water, 5 feet. Topography to 20-50 feet. Three sheets.

(c) Little Fork River from mouth to sec. 16, T. 62 N., R. 20 W., 122 miles (5ND). Plan and profile. Scale, 1: 24,000. Contour interval, 10 feet on land, 1 foot on water. Topography to 20-00 feet. 5 sheets.

(c) Sturgeon River from mouth in sec. 4, T. 62 N., R. 21 W., to sec. 34, T. 62 N., R. 21 W., 8 miles (5ND). Plan and profile. Topography to 10-80 feet. Shown on sheet 5 of Little Fork River.

(c) Big Fork River from mouth to sec. 32, T. 150 N., R. 25 W., 153 miles (5NE). Plan and profile. Scale, 1: 12,000. Contour interval, 5 feet on land, 1 foot on water. Topography to 5-50 feet. Six sheets.

MISsISSIPPI RIVER between Missouri River and Minneapolis. For report by Chief of Engineers, United States Army, see Seventy-second Congress, First session, House Document 137.

(a) Prairie River from mouth to Crooked Lake, 32 miles (5AB). Plan and profile. Scale, 1: 12,000. Contour interval, 5 feet on land, 1 foot on water. Topography to 5-50 feet. Three sheets.

(a) Crow Wing River from mouth to Crow Wing Dam above Shell River, 89 miles (5AD). Plan and profile. Scale, 1: 12,000. Contour interval, 5 feet on land, 1 foot on water. Topography to 5-50 feet. Nine sheets.

(a) Rum River from mouth to Onamia, 141 miles (5AH). Plan and profile. Scale, 1: 24,000. Contour interval, 10 feet on land, 1 foot on water. Topography to 50 feet. Six sheets.


(a) Minnesota River from mouth to Big Stone Lake, 339 miles (5BA, 5BB, 5BC, 5BD, 5BE, 5BF). Surveyed by Corps of Engineers, United States Army, 1900-10. Scale, 1 inch = 8 miles. Small-scale profile shown in Maps and profiles section of report entitled "Water Resources Investigation of Minnesota, 1909-12," published by Minnesota State Drainage Commission, 1912.

(a) St. Croix River. See Wisconsin (p. 130).

(a) Cannon River from mouth to Faribault, 60 miles (5CE). Plan and profile. Scale, 1: 24,000. Contour interval, 10 feet on land, 1 foot on water. Topography to 40 feet. Three sheets.

(b) Straight River from mouth upstream 2 miles (5CE). Very little topography. Shown on sheet 3 of Cannon River survey.

(a) Zumbro River, including North Branch, Middle Branch, and South Branch, from Griffiths Lake to point on South Branch 4 miles above Middle Branch. Plan and profile. Scale, 1: 24,000. Contour interval, 20 feet on land except where
noted, 1 foot on water. Topography to 20-70 feet. Four sheets (North Branch shown on sheet 3, Middle Branch on sheet 4, South Branch on sheets 3 and 4).  
(a) Root River from mouth to point 8 miles above Chatfield, 107 miles (5DA). Plan and profile. Scale, 1: 24,000. Contour interval, 5 and 10 feet on land, 1 foot on water. Topography to 5-30 feet. Five sheets.

For areas in Minnesota covered by United States Geological Survey standard topographic maps see plate 1.

MISSISSIPPI

MISSISSIPPI RIVER from source to mouth has been surveyed for navigation and flood control by the Mississippi River Commission at different dates and with varying topographic detail. For copies of maps apply to Mississippi River Commission, St. Louis, Mo.

MOBILE RIVER (2W).

(a) Tombigbee River from Fulton to Columbus, 108 miles (2XA, 2XC, 2XD). Plan and profile, 1908. Scale, 1: 12,000. No topography. Seven sheets, plan and profile on each. Not published.


MISSOURI

MISSOURI RIVER from source to mouth has been surveyed for navigation and flood control by the Missouri River Commission at different dates and with varying topographic detail. For copies of maps apply to Missouri River Commission, St. Louis, Mo.

MISSISSIPPI RIVER between Missouri River and Minneapolis. For report by Chief of Engineers, United States Army, see Seventy-second Congress, first session, House Document 137.

Mississippi River from mouth to Three Forks, Mont., 2,551 miles, of which 597 miles is in Missouri (6R, 6S). Plan based on various surveys, by Corps of Engineers, United States Army, 1878-94. Scale, 1: 63,360. No contours. Topography indicated by hachures. Published in 93 sheets, including 9 index sheets, by Missouri River Commission, St. Louis, Mo.


(a) White River (7H).

(b) Current River from Jacks Fork to Van Buren, 33 miles (7HC). Plan and profile by State of Missouri Bureau of Geology and Mines in cooperation with United States Geological Survey, 1924-25. Scale, 1: 12,000. Contour interval,
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20 feet. Topography detailed. Published in six sheets (five plan, one profile), 1925.

For areas in Missouri covered by United States Geological Survey standard topographic maps see plate 1.

MONTANA

MISSISSIPPI RIVER BASIN (6).


(a) Missouri River from Fort Benton to State boundary, 520 miles (6B, 6C, 6E). Plan by Corps of Engineers, United States Army, 1891. Scales, 1:7,200 and 1:12,000. Contour interval, 20 feet. Topography to 100-500 feet. From Fort Benton to mouth shown on 1878-94 survey of Missouri River from mouth to Three Forks, Mont.; see under State of Missouri.


(b) Jefferson River (6AH).

(c) Beaverhead River (6AC).

(d) Ruby River from Ramshorn Creek to sec. 7, T. 8 S., R. 4 W., 36 miles (6AD), and dam site. Plan and profile, 1934. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Published in three sheets (one plan, two profile showing dam site), 1937.

Ruby River dam site, at mile 24.2 in sec. 8, T. 7 S., R. 4 W. Scale, 1:4,800. Contour interval, 10 feet. Topography to 200 feet.


(b) Sun River (6BK).

(c) North Fork Sun River (6BK).

(d) North Fork North Fork Sun River from South Fork North Fork upstream 7 miles (6BK), reservoir site No. 3. Plan, 1905. Scale, 1:12,000. Contour interval, 10 feet. Out of stock.

(b) Judith River from mouth to Big Spring Creek, 64 miles (6CD). Plan and profile, 1931. Complete survey includes 64 miles on Judith River, 25 miles on Warm Spring Creek, 31 miles on Big Spring Creek, and Hanover dam site. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Published in four sheets (two plan, two profile), Judith River shown on three sheets; dam site on one sheet, 1933.

(c) Warm Spring Creek from mouth to Warm Springs in sec. 19, T. 17 N., R. 18 E., 25 miles (6CD). Plan and profile, 1931. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Published on three sheets in set of four, covering Judith River, Warm Spring Creek, and Big Spring Creek.
(c) Big Spring Creek from mouth to Big Springs in sec. 5, T. 14 N., R. 19 E., 31 miles (6CC). Plan and profile, 1931. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Published on 2 sheets in set of 4, 1931 survey of Judith River, Warm Spring Creek, and Big Spring Creek.

Hanover dam site on Big Spring Creek near town of Hanover in sec. 27, T. 16 N., R. 17 E., (6CC). Scale, 1:4,800. Contour interval, 10 feet. Topography to 70 feet.


(c) Powder River from Wyoming-Montana State line to Moorhead dam site in T. 9 S., R. 48 W., about 6 miles (6GE). This is part of Moorhead Reservoir site which extends into Wyoming. Plan, 1947. Scale, 1:12,000. Contour interval 10 feet with 5-foot contours shown by dotted lines in flat areas. Topography to 200 feet. In preparation.

(b) Yellowstone River (6G).


COLUMBIA RIVER BASIN (12A, 12B, 12C, 12D).

(a) Kootenai River from point 1 mile below Moyie River, Idaho, in sec. 22, T. 62 N., R. 2 E., to international boundary, Montana, 111 miles (12AA, 12AB, 12AD, 12AE, 12AG), and dam sites. Plan and profile, 1927, 1929, and 1934. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Dam-site scale, 1:4,800; contour interval, 10 feet. Published in nine sheets (five plan, two profile, two dam sites), 1938.

Tunnel No. 8 dam site, at mile 14 in sec. 28, T. 33 N., R. 34 W. Topography to 330 feet.

Kootenai Falls dam site, at mile 33 in sec. 13, 14, T. 31 N., R. 33 W. Topography to 110 feet.

(a) Kootenai River from point 3 miles below Troy to point 3 miles above Libby, 26 miles (12AD, 12AE). Plan and profile, 1927 and 1929. Scale, 1:48,000. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Published in one sheet.


(b) Yaak River from mouth to Yaak Falls, 9 miles (12AF). Shown on two sheets (one plan, one profile), 1927-34 survey of Kootenai River.


(a) Clark Fork from St. Regis in sec. 30, T. 18 N., R. 27 W., to Idaho-Montana State line, 120 miles (12DC, 12DD, 12DF, 12DG, 12DH), and 9 miles beyond to Lake Pend Oreille, Idaho. Plan and profile, 1911. Scale, 1:31,680. Contour
interval, 25 feet on land, 5 feet on water. Topography to 25–400 feet. Published in Water-Supply Paper 346.

(a) Clark Fork from Horse Creek in sec. 28, T. 27 N., R. 34 W., Montana, to Albany Falls, sec. 30, T. 56 N., R. 5 W., Idaho, approximately 4 miles in Montana, 76 miles in Idaho (12DG, 12DH, 12DJ, 12DM), including dam site and Pend Oreille Lake. Plan, 1926. Scale, 1:31,680. Contour interval, 5 feet. Topography to about 100 feet. Published in five sheets, 1227.

Albany Falls dam site on Pend Oreille River (formerly Clark Fork) in sec. 19, 20, 29, 30, T. 56 N., R. 5 W. Scale, 1:4,800. Contour interval, 5 feet. Topography to about 100 feet.

(b) Blackfoot River from mouth to sec. 28, T. 14 N., R. 9 W., 95 miles (12BF). Plan and profile, 1934. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Published in 10 sheets (5 plan, 4 profile, 1 dam sites).

Box Canyon dam site, at mile 46.5 in sec. 2, T. 14 N., R. 13 W. Scale, 1:4,800. Contour interval, 10 feet. Topography to about 310 feet.

(c) Nevada Creek from mouth to sec. 20, T. 12 N., R. 9 W., 22 miles (12BF), and dam sites. Dam-site scale, 1:4,800; contour interval, 10 feet. Shown on three sheets (two plan, one profile), 1934 survey of Blackfoot River.

Lower Nevada Creek dam site, at mile 16.5 in sec. 9, T. 12 N., R. 10 W. Topography to 220 feet.

Upper Nevada Creek dam sites, at mile 19.4 in sec. 13, 14, T. 12 N., R. 10 W. Topography to 180 feet.

(c) Monture Creek from mouth to mile 6 (12BF). Shown on two sheets (one plan, one profile), 1934 survey of Blackfoot River.

(c) Cottonwood Creek from mouth to Little Cottonwood Creek, 4 miles (12BF). Shown on two sheets (one plan, one profile), 1934 survey of Blackfoot River.

(c) Clearwater River from mouth to sec. 25, T. 16 N., R. 15 W., 15 miles (12BF), and dam site. Shown on three sheets (two plan, one profile), 1934 survey of Blackfoot River.

Lower Clearwater River dam site, at mile 8.5 in sec. 17, T. 15 N., R. 14 W. Scale, 1:4,800. Contour interval, 10 feet. Topography to 130 feet.

(c) Belmont Creek from mouth to mile 4 (12BF). Shown on two sheets (one plan, one profile), 1934 survey of Blackfoot River.

(c) Gold Creek from mouth to mile 7 (12BF). Shown on two sheets (one plan, one profile), 1934 survey of Blackfoot River.

(c) Union Creek from mouth to mile 10 (12BF). Shown on two sheets (one plan, one profile), 1934 survey of Blackfoot River.

(c) East Twin Creek from mouth to point about 3 miles upstream (12BF). Shown on two sheets (one plan, one profile), 1934 survey of Blackfoot River.

(c) West Twin Creek from mouth to point 4 miles upstream (12BF). Shown on two sheets (one plan, one profile), 1934 survey of Blackfoot River.


(b) Flathead River from Flathead Lake to international boundary 113 miles, (12CA, 12CB, 12CE), and dam sites. Surveyed, 1934–38. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Dam sites surveyed 1934–36; scale, 1:4,500; contour interval, 10 feet. Published in 10 sheets (eight plan, two of which show dam sites and two profile), 1947.

Bad Rock Canyon dam site. Topography to 270 feet.
Coram dam site. Topography to 120 feet.
Lower Canyon Creek dam site. Topography to 60 feet.
Canyon Creek dam site. Topography to 175 feet.
Fool Hen Hill dam site. Topography to 20 feet.
Glacier View dam site. Topography to 570 feet.

(b) Flathead River from mouth to Flathead Lake in sec. 12, T. 22 N., R. 21 W., 72 miles (12CG, 12CH), and clam sites. Plan and profile, 1934–38 and 1945–46. Scale, 1:31,680. Contour interval, 20 feet on land and 5 feet on water. Topography detailed. Dam-site scale, 1:9,600 except as shown. Contour interval, 10 feet on land, 1 foot on water. Published in six sheets (four plan, one profile, one dam sites), 1947.

Buffalo dam site No. 1, at mile 68.6, in sec. 15, 21, 22, T. 22 N., R. 21 W. Topography to 2,750-foot contour.
Buffalo dam site No. 2, at mile 60.7, in sec. 6, 7, 1, 12, T. 21 N., R. 21, 22 W. Topography to 2,710-foot contour.
Obow dam site, at mile 41.2, in sec. 28, 29, T. 20 N., R. 21 W. Shown on two scales, 1:12,000 and 1:4,800. Topography to 2,720-foot contour.
Dam site No. 4, at mile 36.4, in sec. 1, T. 19 N., R. 22 W. Scale, 1:12,000. Topography to 2,640-foot contour.

(c) Middle Fork Flathead River from mouth to mile 49 (12CC), and dam sites. Surveyed, 1936 and 1939. Scale, 1:31,680. Contour interval, 20 feet. Dam sites surveyed, 1939. Scale, 1:4,500. Contour interval, 10 feet on land, 5 feet on water. Topography to 80–300 feet. Published in two plan sheets, one of which shows dam sites and one profile, 1943.

Kootenai Creek dam site No. 1, in sec. 28, 29, 32, 33, T. 32 N., R. 18 W.
Kootenai Creek dam site No. 2, in sec. 29, 30, T. 32 N., R. 18 W.

(e) South Fork Flathead River from mile 44, 8 miles below junction with Spotted Bear River, to Junction of Danaher and Youngs Creeks, 60 miles (12CD). Plan and profile, 1936. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Published in six sheets (three plan, three profile), 1939.

(e) South Fork Flathead River from mouth to mile 44 (12CD), and Hungry Horse dam site. Surveyed, 1934–35. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Published in four sheets (two plan, one profile, one showing profile and Hungry Horse dam site), 1937.

Hungry Horse dam site. Scale, 1:4,500. Contour interval, 10 feet. Topography to 420 feet. [This site is about 1 mile below site finally selected.]

(d) White River from mouth upstream 6 miles (12CD). Shown on 1936 survey of South Fork Flathead River.

(d) Big Salmon Creek and Big Salmon Lake from junction of lake outlet with South Fork Flathead River upstream 5 miles (12CD). Shown on 1936 survey of South Fork Flathead River.

(d) Little Salmon Creek from mouth upstream, 4 miles (12CD). Shown on 1936 survey of South Fork Flathead River.

(d) Gorge Creek from mouth upstream to Bunker Creek, 5 miles (12CD). Shown on 1936 survey of South Fork Flathead River.
(d) Spotted Bear River from mouth to mile 24 (12CD). Shown on 1936 survey of South Fork Flathead River.

(c) Swan River from Flathead Lake to Lion Creek, 45 miles (12CF). Plan and profile, 1913. Scale, 1:48,000. Contour interval, 25 feet on land, 5 feet on water. Topography to 25-200 feet. Published in two sheets (one plan, one profile).

(e) Swan River from a point one mile above mouth to Swan Lake (12CF), and dam site. Plan, 1943-44. Scale, 1:31,680. Contour interval, 10 feet on land, 5 feet on water. Topography to 3,100 feet above sea level. In preparation (one plan sheet).

Dam site one mile above mouth. Scale, 1:4,800. Contour to 3,100 feet above sea level.

(c) Swan River from a point one mile above mouth to Flathead Lake to Lion Creek, 45 miles (12CF). Plan and profile, 1913. Scale, 1:48,000. Contour interval, 25 feet on land, 5 feet on water. Topography to 25-200 feet. Published in two sheets (one plan, one profile).


(e) Missourl River from mouth to Three Forks, Mont., 2,551 miles. Plan based on various surveys by Corps of Engineers, United States Army, 1878-1894. Scale, 1:63,360. No contours. Topography indicated by hachures. Published in 93 sheets, including 9 index sheets, by Missouri River Commission, St. Louis, Mo.


(b) Kansas River (6R).

NEBRASKA

MISSISSIPPI RIVER BASIN (7).

(a) Missouri River from mouth to Three Forks, Mont., 2,551 miles. Plan based on various surveys by Corps of Engineers, United States Army, 1878-1894. Scale, 1:63,360. No contours. Topography indicated by hachures. Published in 93 sheets, including 9 index sheets, by Missouri River Commission, St. Louis, Mo.
NEVADA

(c) Republican River from a point in Kansas across the State line from Hardy, Nebraska, to Haigler, Nebraska, approximately 250 miles (6RK, 6RL, 6RM, 6RP, 6RR). Plan, 1937-39. Scale, 1:24,000. Contour interval 10 feet (5-foot contours added in dashed lines). Topography to 100 feet. Published in 15 plan sheets, 1938-41.

For areas in Nebraska covered by United States Geological Survey standard topographic maps see plate 1.

NEVADA


COLORADO RIVER—LAKE MEAD. See Arizona (p. 5).


COLORADO RIVER dam sites partly in Nevada and partly in Arizona. For survey details see Arizona.

Hualpai Rapids.     Middle Black Canyon.
Virgin Canyon.     Lower Black Canyon.
Boulder Canyon.    Eldorado.
Callville.        Eagle Rock.
Upper Black Canyon. Bull's Head.

(a) Virgin River from mouth upstream 37 miles (9K). Plan and profile by United States Geological Survey in cooperation with United States Bureau of Reclamation, 1903 and 1923. Scale, 1:31,680. Contour interval, 50 feet. Topography to 50-500 feet. Published in four sheets (three plan, one profile) by United States Geological Survey, 1924.

(b) Muddy River from point 3 miles below Overton in sec. 28, T. 16 S., R. 68 E., to point about 3 miles above Arrowhead Canyon, about 40 miles (9K), showing dam sites. Plan, 1934. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Dam site scale, 1:6,000; contour interval, 10 feet. Published in two plan sheets, one showing also dam sites, 1937.

Narrows dam site No. 1 in sec. 7, T. 15 S., R. 67 E. Topography to 150 feet.

Narrows dam site No. 2 in sec. 16, 17, T. 15 S., R. 67 E. Topography to 130 feet.

CARSON RIVER BASIN (10C).

(a) Carson River from sec. 4, T. 15 N., R. 21 E., upstream to confluence of East Fork and West Fork, 27 miles (10CB, 10CA). Surveyed by United States Geological Survey in cooperation with United States Bureau of Reclamation, 1934-36. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Complete survey includes East Fork and West Fork from mouth to points in California, and large-scale surveys of 13 dam sites Published in 10 sheets (five plan, three profile, and two showing dam sites), 1944.
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(b) East Fork Carson River from confluence with West Fork to California-Nevada State line, 21 miles (10CA), showing dam sites. Dam-site scale, 1:4,800. Contour interval, 10 feet. Shown on 1934–36 survey of Carson River.

Pinyon dam site in sec. 13, 14, T. 11 N., R. 20 E. Topography to 360 feet.

Horseshoe Bend dam site, in sec. 35, T. 12 N., R. 20 E. Topography to 210 feet.

(b) West Fork Carson River from junction with East Fork to California-Nevada State line, 13 miles (10CA). Shown on 1934–36 survey of Carson River.

PAHRANAGAT LAKE (10KH).


Black Canyon dam site in Pahranagat Valley in sec. 2, T. 8 S., R. 61 E. Scale, 1:4,800. Contour interval, 10 feet. Topography to 60 feet above valley floor.

HUMBOLDT LAKE (10D).

(a) Humboldt River (10D).

(b) East Fork Humboldt River (10DA).

(c) Marys River from mouth to sec. 23, T. 44 N., R. 58 E., 70 miles (10DA), showing dam site. Plan, 1935–36. Scale, 1:31,680. Contour interval, 10 and 20 feet on land, 5 feet on water. Topography from mouth to mile 55 shows river banks and some adjacent valley floor; in the narrower valley above mile 55 topography is more detailed and shown to higher elevation above water surface. Dam-site scale 1:4,800; contour interval 10 feet. Published in three plan sheets, showing also dam sites.

Chalk Basin dam site, at mile 65.6 in sec. 14, T. 43 N., R. 58 E. Topography to 200 feet.

Upper Marys River dam site, at mile 58.4 in sec. 5, T. 42 N., R. 59 E. Topography to 150 feet.

Lower Marys River dam site, at mile 54.9 in sec. 11, T. 42 N., R. 59 E. Topography to 130 feet.

(d) Hanks Creek from junction with Marys River to mile 5 (10DA). Shown on one sheet, 1935–36 survey of Marys River.

Hanks Creek dam site, at mile 1.7. Scale, 1:4,800; contour interval, 10 feet; topography to 180 feet.

(b) North Fork Humboldt River from mouth to approximately sec. 32, T. 43 N., R. 54 E., 86 miles (10DB), showing dam sites. Surveyed, 1938–39. Scale, 1:31,680. Contour interval, 10 and 20 feet on land, 5 feet on water. Topography detailed. Dam-site scale, 1:2,400. Published in three plan sheets, one showing dam sites, 1942.

Devils Gate dam site, in sec. 13, T. 38 N., R. 57 E. Contour interval, 10 feet. Topography to 170 feet.

Whitaker dam site, in sec. 1, T. 39 N., R. 55 E. Contour interval, 5 feet. Topography to 135 feet.

(b) South Fork Humboldt River from mouth to sec. 15, T. 31 N., R. 57 E., 37 miles (10DD), showing dam sites. Surveyed, 1935–36. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Dam-site scale, 1:4,800; contour interval, 10 feet. Published in four sheets (two plan, one showing dam sites, and two profile), 1940.

Dam site No. 1, at mile 4.5 in sec. 13, 14, T. 33 N., R. 54 E. Topography to 360 feet.
Dam site No. 2, at mile 8.5 in sec. 19, T. 33 N., R. 55 E. Topography to 120 feet.

Dam site No. 3 and No. 4 in sec. 6, T. 32 N., R. 55 E. Topography to 150 feet.

c Smith Creek from junction with South Fork Humboldt River upstream 11 miles (10DD), showing dam site. Shown on one sheet, 1935-36 survey of South Fork Humboldt River.

Twin Bridges dam site, at mile 0.8 in sec. 36, T. 32 N., R. 55 E. Scale, 1:4,800. Contour interval, 10 feet. Topography to 170 feet.

(b) Little Humboldt River from sec. 35, T. 40 N., R. 39 E., to forks in sec. 25, T. 41 N., R. 42 E., 27.5 miles (10DJ), showing dam sites. Plan 1934-35. Scale, 1:31,680. Contour interval, 10 feet on land, 5 feet on water. Topography detailed. Dam-site scale, 1:4,800; contour interval, 10 feet. Published in four sheets, showing also dam sites, 1938.

Hot Spring dam site, at mile 15.4 in sec. 20, T. 41 N., R. 41 E. Topography to 90 feet.

Chimney dam site, at mile 27, in sec. 36, T. 41 N., R. 42 E. Topography to 90 feet.

c) North Fork Little Humboldt River from mouth to sec. 7, T. 44 N., R. 42 E., 31 miles (10DJ), and dam site. Plan shown on two sheets, 1934-35 survey of Little Humboldt River.

Greeley Flat dam site, at mile 53.9 in sec. 23, T. 44 N., R. 42 E. Scale 1:4,800. Contour interval, 10 feet. Topography to 150 feet.

c) South Fork Little Humboldt River from mouth to sec. 6, T. 41 N., R. 45 E., 15 miles (10DJ), and dam site. Plan shown on two sheets, 1934-35 survey of Little Humboldt River.

Latons Spring dam site, at mile 8.8 in sec. 1, T. 41 N., R. 43 E. Scale, 1:4,800. Contour interval, 10 feet. Topography to 120 feet.

d) Milligan Creek from mouth to sec. 8, T. 42 N., R. 45 E., 7 miles (10DJ). Plan shown on 1 sheet, 1934-35 survey of Little Humboldt River.

c) Martins Creek from sec. 35, T. 40 N., R. 39 E., to mile 27, sec. 9, T. 43 N., R. 41 E. (10DJ). Dam-site scale, 1:4,800; contour interval, 10 feet. Plan shown on 2 sheets, 1934-35 survey of Little Humboldt River.

Sugarloaf dam site, at mile 18.9 in sec. 1, 12, T. 42 N., R. 40 E. Topography to 240 feet.

Hardscrabble dam site, at mile 24.5 in sec. 21, T. 43 N., R. 41 E. Topography to 120 feet.


(d) Indian Creek from mouth to sec. 19, T. 42 N., R. 40 E., 6 miles (10DJ). Plan shown on one sheet, 1934-35 survey of Little Humboldt River.

REESE RIVER BASIN (10DG).


BLACK ROCK DESERT BASIN (10AG).

(a) Quinn River from Oregon-Nevada State line to sec. 10, T. 45 N., R. 37 E., 20 miles (10AH). Surveyed, 1939. Scale, 1:31,680. Contour interval, 10 feet on land, 5 feet on water. Topography detailed. Published in 1 sheet, 1940.

For areas in Nevada covered by United States Geological Survey standard topographic maps see plate 1.
ANDROSCOGGIN RIVER. See Maine (p. 54).

Pemigewasset River (head of Merrimack River) (1EA).

(a) Mad River from Snow Brook to head, 5 miles (1EA). Plan, 1912. Scale, 1 : 24,000. Topography detailed. One sheet. Out of stock.

Pemigewasset River Basin. Headwaters of the following brooks have been surveyed from to 2 to 4 miles: Anderson, Gibbs, Burnt, Covert, and Shoal Pond. Scale, 1 : 6,000 to 1 : 24,000. Contour interval, 20 and 100 feet. Each brook shown on single sheet. Out of stock.

CONNECTICUT RIVER (1G).


For areas in New Hampshire covered by United States Geological Survey standard topographic maps see plate 1.

NEW JERSEY

For areas in New Jersey covered by United States Geological Survey standard topographic maps see plate 1.

NEW MEXICO

Mississippi River Basin (7).

(a) Arkansas River (7F).

(b) Canadian River (7C).

(c) Chicorica Creek from mouth to point 500 feet downstream from Lake Maloya Dam, about 22 miles (7CA). Plan by United States Geological Survey for United States Bureau of Reclamation, 1945. Scale, 1 : 24,000. Contour interval, 10 and 20 feet with 5-foot contours added in places. Topography detailed, including survey of abandoned Hebron Reservoir. Unpublished map in files of United States Bureau of Reclamation.


Rio Grande from Cochiti Diversion Dam to Otowi, 24 miles, with dam sites (8BL). Control by United States Bureau of Reclamation, topography by United States Geological Survey, 1937, 1941. Scale, 1 : 12,000. Contour interval, 10 feet on land, 5 feet on water. Topography to 300 feet. Dam-site scale, 1 : 4,800; contour interval 5 feet except as noted. Published in four sheets (two plan, which also show dam sites, one showing dam sites, one profile).


Rio Grande from San Marcial to mouth of White Rock Canyon, in sec. 9, T. 16 N., R. 6 E., about 180 miles (8BL, 8BM, 8CA, 8CC). Plan by the State in 1917–18. Scale, 1 inch=2,000 feet. Contour interval, 2 and 10 feet. Topography to 50–100 feet. Published by State in 17 sheets.


(a) Rio Chama from junction with Rio Grande to point 17 miles above junction with Willow Creek, 103 miles (8BJ, 8BH), and dam sites. Plan and profile, 1933–37. Scale, 1:31,680. Contour interval 20 feet on land, 5 to 20 feet on water. Topography, detailed. Dam site scale, 1:4,800; contour interval, 10 feet. Published in eight sheets (six plan, four of which show dam sites, two profile), in 1939.

Canyon de Chama dam site, mile 45.9, T. 24 N., R. 3 E., on Canyon de Chama Grant. Topography to 200 feet.

Abiquiu dam site, at mile 31.8 in sec. 8, T. 23, N., R. 5 E. Topography to 310 feet.

(b) Willow Creek from junction with Rio Chama to mile 16 (8BH), and dam sites, all within Tierra Amarilla Grant. Dam site scale, 1:4,800; contour interval, 10 feet. Shown on two sheets (one plan, one profile), 1933–37 survey of Rio Chama.

Lower Willow Creek dam site, at mile 0.4. Topography to 300 feet.

Upper Willow Creek dam site, at mile 8.9. Topography to 150 feet.

Middle dam sites A and B, at mile 5.0 and mile 5.9, respectively. Topography to 150 feet.


(a) Pecos River from sec. 32, T. 24 S., R. 29 E., to point near Malaga, about 470 miles (8FL, 8FH, 8FF, 8FE, 8FC, 8FA), and dam sites. About 60 miles, from Dayton to point near Malaga, reproduced from early surveys by United States Bureau of Reclamation. About 410 miles surveyed by United States Geological Survey, 1934-37. Scale, 1:31,680. Contour interval, 10 and 20 feet on land, 5 feet on water. Wide area of adjacent topography shown for most of section. Dam-site scale, 1:4,800; contour interval, 10 feet. In preparation.

Los Esteros dam site, about 7 miles north of Santa Rosa. Topography to 180 feet.

Los Ojitos dam site, near Los Ojitos. Topography to 200 feet.

Tecolotito dam site, about 16 miles below Villanueva. Topography to 200 feet.

(b) Gallinas River from mouth to mile 57, approximately 6 miles below Las Vegas, N. Mex. (8FB). Plan and profile, 1938-39. Scale, 1:31,680. Contour interval, 10 and 20 feet on land, 5 feet on water. Topography to 150 feet. Published in four sheets (two plan, two profile).


(a) Gila River from Arizona-New Mexico State line upstream to sec. 20, T. 19 S., R. 20 W., and from sec. 4, T. 16 S., R. 17 W., to point 6 miles above confluence of East Fork and West Fork, about 60 miles (9MA) and dam sites. Surveyed, 1934-35. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography to 100-500 feet above water surface. Dam-site scale, 1:24,000; contour interval, 25 feet; topography to 200 feet. Published in Water-Supply Paper 396.


(b) East Fork Gila River from confluence with West Fork upstream 3 miles (9MA). Shown on 1934-35 survey of Gila River.

(b) West Fork Gila River from confluence with East Fork upstream 10 miles (9MA). Shown on 1934-35 survey of Gila River.
NEW YORK

T. J. dam site, 2 miles above junction of Gila River and East Fork. Scale, 1:4,800. Contour interval, 10 feet. Topography to 220 feet.

(b) San Francisco River from sec. 9, T. 11 S., R. 20 W., to sec. 4, T. 10 S., R. 20 W., 10 miles (9MB), Alma reservoir site. Plan, 1920. Scale, 1:24,000. Contour interval, 10 feet. Topography to 200 feet at dam site. Published on one sheet, showing also Red Rock reservoir site on Gila River, 1928.

(b) San Francisco River, New Mexico and Arizona, from mouth in Arizona to sec. 8, T. 11 S., R. 20 W., 77 miles, of which 31 miles are in New Mexico (9MB), showing Pleasanton dam site. Plan and profile, 1934-35. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Published in four sheets (two plan, one showing also dam site, and two profile), 1939.

Pleasanton dam site, at mile 63.3 in sec. 26, T. 12 S., R. 20 W., New Mexico. Scale, 1:2,400. Contour interval, 10 feet. Topography to 400 feet.


(b) Pine River from mouth to sec. 6, T. 31 N., R. 7 W., 10.3 miles (9GA). Shown on 1938-39 survey of San Juan River. In preparation.

For areas in New Mexico covered by United States Geological Survey standard topographic maps see plate 1.

NEW YORK

Hudson River from mouth to source, 159 miles (1KA, 1KB, 1KE, 1KF, 1JA, 1JB, 1JC, 1JD, 1JK, 1JL). Profile, 1908. Scale, 1 inch=2 miles. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

(a) Fishing Brook from mouth to source, 18 miles (1JA). Profile, 1908. Scale, 1 inch=2 miles. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

(a) Cedar River from mouth to source, 36 miles (1JA). Profile, 1908. Scale, 1 inch=2 miles. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

(b) Rock River from mouth to source, 13 miles (1JA). Profile, 1908. Scale, 1 inch=2 miles. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

(a) Indian River from mouth, to mouth of Jessup River, 21 miles (1JA). Profile, 1908. Scale, 1 inch=2 miles. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

(a) Jessup River from mouth to source, 15 miles (1JA). Profile, 1908. Scale, 1 inch=2 miles. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

(a) Boreas River from mouth to source, 23 miles (1JB). Profile, 1908. Scale, 1 inch=2 miles. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.
INDEX TO RIVER SURVEYS

(a) Thirteenth Brook from mouth to source, 8 miles (1JB). Profile, 1908. Scale, 1 inch=2 miles. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

(a) Schroon River from mouth to source, 61 miles (1JB). Profile, 1908. Scale, 1 inch=2 miles. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

(a) Schroon River from Tumblehead Falls to Schroon Falls, 24 miles (1JB). Plan, 1908. Scale, 1 inch=2 miles. Topography to 20-60 feet. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

(b) Black Brook near (East) North Hudson (1JB), Hammond Pond reservoir site. Plan, 1902. Scale, 1:9,600. Contour interval, 10 feet. Topography to 50 feet at dam site. Published by New York State Water Storage Commission, 1903.

Hammond Pond dam site. Scale, 1:1,200. Contour interval, 2 feet.

(b) Branch of Schroon River from mouth to source, 16 miles (1JB). Profile, 1908. Scale 1 inch=2 miles. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

(b) Paradox Creek from mouth to source, 15 miles (1JB). Profile, 1908. Scale, 1 inch=2 miles. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

(b) Mill Brook from mouth to source, 13 miles (1JB). Profile, 1908. Scale, 1 inch=2 miles. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

(b) Trout Brook from mouth to source, 10 miles (1JB). Profile, 1908. Scale, 1 inch=2 miles. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

(c) Minerva Stream from mouth to source, 15 miles (1JB). Profile, 1908. Scale, 1 inch=2 miles. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

(a) Sacandaga River from mouth to source, 75 miles (1JC). Profile, 1908. Scale, 1 inch=2 miles. Published in Fourth Annual Report, New York State Water Commission, 1909.

(b) Sacandaga Lake and Pleasant Lake (1JC). Plan, 1908. Scale 1:20,000. Contour interval, 10 feet. Very little topography; flow line of proposed reservoir shown. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

(a) Sacandaga reservoir, from Hadley to Broadalbin (1JC). Plan, 1907. Scale, (original) 1:4,800. Contour interval, 5 feet. Published in 33 sheets (11 showing towns within flowage area, and dam sites, 22 showing reservoir site, in Third Annual Report, New York State Water Supply Commission, 1908.

Dam site near Conklingville. Scale, 1:4,500. Contour interval, 5 feet. Topography to 100 feet.

(b) Kunjamuk Creek from mouth to source, 15 miles (1JC). Profile, 1908. Scale, 1 inch=2 miles. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

(b) East Branch Sacandaga River from mouth to source, 25 miles (1JC). Profile, 1908. Scale, 1 inch=2 miles. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

(b) West Branch Sacandaga River from mouth to source, 31 miles (1JC). Profile, 1908. Scale, 1 inch=2 miles. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

(b) West Branch Sacandaga River near Piseco Lake (1JC), Piseco Lake reservoir site. Plan, 1902. Scale, 1:19,200. Contour interval, 10 feet. Topog-
raphy to 80 feet at dam site. Published by New York State Water Storage Commission, 1903.

(b) Vly Creek from mouth to junction of Mayfield Creek and Kenyetto Creek, 5 miles (1JC). Profile, 1908. Scale, 1 inch=2 miles. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

(c) Mayfield Creek from mouth to source, 11 miles (1JC). Profile, 1908. Scale, 1 inch=2 miles. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

(c) Kenyetto Creek from mouth to junction of Alder Creek and Cadman Creek, 16 miles (1JC). Profile, 1908. Scale, 1 inch=2 miles. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

(a) Batten Kill from mouth to source, 56 miles (1JD). Profile, 1908. Scale, 1 inch=2 miles. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

(a) Fish Creek from mouth to source, 43 miles (1JD). Profile, 1908. Scale, 1 inch=2 miles. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

(a) Hoosic River from mouth to point 5 miles above Cheshire, 66 miles (1JE). Profile, 1908. Scale, 1 inch=2 miles. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

DELAWARE RIVER from New York-Pennsylvania State line to confluence of East Branch and West Branch, 76 miles (1LC, 1LE). Profile, 1908. Scale, 1 inch=2 miles. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

DELAWARE RIVER from Narrowsburg to Cochecton, 10 miles (1LC), Cochecton reservoir site. Plan, 1908. Scale, 1:13,200. Contour interval, 10 feet. Topography to 30–60 feet. Dam-site scale, 1:1,220; contour interval, 5 feet; topography to 70 feet. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

(a) West Branch Delaware River from point 5 miles below Cannonsville Bridge to Granton, 10 miles (1LA), Cannonsville reservoir site. Plan, 1908. Scale, 1:13,200. Contour interval, 10 feet. Dam-site scale, 1:1,200; contour interval, 5 feet; topography to 80 feet. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

(a) West Branch Delaware River from junction with East Branch to point 4½ miles above Granton Bridge, 31 miles (1LA). Profile, 1908. Scale, 1 inch=2 miles. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

SUSQUEHANNA RIVER in Binghamton, 6 miles (1NC, 1NF). Plan based on survey in 1890. Scale, 1:9,250. No contours. Published by New York Water Storage Commission, 1903.

(a) Chemung River at Elmira, 2 miles (1NJ). Plan from survey in 1889 and profile. Scale, 1:2,400. No contours. Many elevations. Published by New York State Water Storage Commission, 1903.

(b) Canisteo River through Hornellsville, 6 miles (1NH). Plan, 1902. Scale, 1:5,250. Contour interval, 2 feet. Topography shown only in area flooded at high water. Published by New York State Water Storage Commission, 1903.
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(b) Canisteo River through Canisteo, 6 miles (1NH). Plan, 1902. Scale, 1: 5,250. Contour interval, 2 feet. Topography shown only in area flooded at high water. Published by New York State Water Storage Commission, 1903.

(a) Chenango River in Binghamton, 2½ miles (1NE). Plan from surveys in 1890. Scale, 1: 9,250. No contours. Published by New York State Water Storage Commission, 1903.

Niagara River from Lake Erie to Lake Ontario, 37 miles (4MA). Profile. Scale, 1 inch=1.4 miles. Published in Second Annual Report, New York State Conservation Commission, Division of Inland Waters, 1912.


St. Lawrence River from Ogdensburg to Montreal, 120 miles (4). Plan and profile. Scale, 1 inch=5 miles. No contours. Published in Second Annual Report, New York State Water Power Commission, 1922.


(a) Little Tonawanda Creek from Linden to Dale, 6 miles (4MA). Linden reservoir site. Plan, 1912. Scale, 1: 12,000. Contour interval, 5 feet. Topography to 30–70 feet. Published in Second Annual Report, New York State Conservation Commission, 1912.

(a) Genesee River in Rochester, 9 miles (4MF). Plan from surveys prior to 1902. Scale, 1: 17,300. No contours. Published by New York Water Storage Commission, 1903.


Dam site. Scale, 1: 4,450. Contour interval, 10 feet. Topography to 150 feet.

(a) Black River from point below Hawkinsville to Forestport, 8 miles (4NH), Hawkinsville reservoir site. Plan. Scale, 1: 30,000. Contour interval, 20 feet. Topography to 20–120 feet. Published in Sixth Annual Report, New York State Water Supply Commission, 1911.

Dam site. Scale, 1: 10,800. Contour interval, 10 feet. Topography to 100 feet.

(b) Moose River (4NH).


(a) Oswegatchie River from mouth to junction of East Branch and West Branch, 73 miles (4OC). Profile. Scale, 1 inch=4 miles. Published in Third Annual Report, New York State Conservation Commission, Division of Inland Waters, 1913.

(a) East Branch Oswegatchie River (head of Oswegatchie River) from Newton Falls to Cranberry Lake, 11 miles (4OB), Newton Falls reservoir site. Plan 1913. Scale, 1: 30,000. Contour interval, 10 feet. Topography to 40 feet at dam site. Published in Third Annual Report, New York State Conservation Commission, Division of Inland Waters, 1913.
(a) East Branch Oswegatchie River (head of Oswegatchie River) from mouth to Cranberry Lake, 42 miles (40B). Profile. Scale, 1 inch = 4 miles. Published in Third Annual Report, New York State Conservation Commission, Division of Inland Waters, 1913.

(b) West Branch Oswegatchie River from mouth to point 7 miles above Harrisville, 27 miles (40B). Profile. Scale, 1 inch = 4 miles. Published in Third Annual Report, New York State Conservation Commission, Division of Inland Waters, 1913.

(b) West Branch and Middle Branch Oswegatchie River from their confluence to 4 miles on West Branch and about 7 miles on Middle Branch (40B), Harrisville reservoir site. Plan. Scale, 1:36,000. Contour interval, 10 feet. Topography to 40 feet. Published in Third Annual Report, New York State Conservation Commission, Division of Inland Waters, 1913.

(b) Indian River (tributary to Oswegatchie River) from Black Lake to Indian Lake, 70 miles (40C). Profile. Scale, 1 inch = 4 miles. Published in Third Annual Report, New York State Conservation Commission, Division of Inland Waters, 1913.

(a) Raquette River from mouth to source, 165 miles (40F). Profile, 1908. Scale, 1 inch = 3.6 miles. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.


(b) Brandreth Lake Branch from outlet of Forked Lake to source, 13 miles (40F). Profile, 1908. Scale, 1 inch = 3.6 miles. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

(b) Sucker Brook from Raquette Lake to source, 10 miles (40F). Profile, 1908. Scale, 1 inch = 3.6 miles. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

(b) Cold River from mouth to source, 20 miles (40F). Profile, 1908. Scale, 1 inch = 3.6 miles. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

(b) Bog River from Tupper Lake upstream 10 miles (40F). Profile, 1908. Scale, 1 inch = 3.6 miles. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

(c) Little Tupper Lake Branch from mouth to source, 19 miles (40F). Profile, 1908. Scale, 1 inch = 3.6 miles. Published in Fourth Annual Report, New York State Water Supply Commission, 1909.

For New York areas covered by United States Geological Survey standard topographic maps see Plate 1.

NORTH CAROLINA

Roanoke River from Weldon, N. C., to Roanoke, Va., 32 miles in North Carolina, 202 miles in Virginia (2CA, 2CB, 2CF). Plan and profile, 1905. Scale, 1:24,000. No topography. Published in 11 sheets, plan and profile on each; 1 sheet showing section of river in North Carolina, 10 showing section in Virginia. Out of stock.

Cape Fear River from Fayetteville to Natmore Creek, 77 miles (2EF, 2EG). Plan by Corps of Engineers, United States Army. Scale, 1:12,000. Contour interval, 10 feet. Topography to 70 feet. Eight sheets. Not published.
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YADKIN RIVER at Bean Shoals, from mouth of Little Yadkin River upstream 4 miles (2FC). Plan and profile. Scale, 1:14,600. Two contours. Also map of river for 2½ miles above dam site at Bean Shoals; scale 1:6,320, contour interval, 10 feet; topography to 70 feet. Published in report Water-power Survey of Surry and Wilkes Counties in Economic Paper 53, by North Carolina Geological and Economic Survey, 1922.


(b) South Fork Lewis Fork in Wilkes County, from mouth upstream 5 miles (2FB). Profile. Scale, 1 inch=1,600 feet. Published in report entitled Water-power survey of Surry and Wilkes Counties, in Economic Paper 53, by North Carolina Geological and Economic Survey, 1922.


(a) Fisher River from Dobson-Mount Airy highway bridge, upstream 13 miles (2FB). Profile. Scale, 1 inch=1,600 feet. Published in report entitled “Water-

Horseshoe dam site, about 8 miles above Dobson-Mount Airy bridge.
Scale, 1:8,000. Contour interval, 10 feet. Topography to 100 feet.


Hiatt's dam site, near bridge on road from Dobson to Pilot Mountain.
Scale not shown. Contour intervals 5 and 10 feet. Topography to 30-50 feet.

Matthew's Mill dam site. Scale, 1:2,600. Contour interval, 10 feet. Topography to 90 feet.


CATAWBA RIVER (head of Wateree River) from Halltown Road Ford to North Carolina-South Carolina State line (2GB, 2GC, 2GD). Part of map of Catawba and Wateree Rivers from Halltown Road Ford, N. C., to Camden, S. C., 216 miles. Profile compiled from surveys of different dates. Scale, 1 inch=2 miles. Published in two sheets. Out of stock.

MISSISSIPPI RIVER BASIN (3).

(a) Ohio River (3).


(b) Tennessee River. For report by Chief of Engineers, United States Army, on the Tennessee River and tributaries in North Carolina, Tennessee, Alabama, and Kentucky, covering navigation, flood control, power development, and irrigation, see Seventy-first Congress, second session, House Document 328.

(c) Holston River. See Tennessee (p. 99).

(d) Watauga River. See Tennessee (p. 99).

(e) Hiwassee River from North Carolina-Georgia State line to North Carolina-Tennessee State line, 58 miles (3UJ). Part of map of Hiwassee River from Hiwassee, Ga., to Apalachia, Tenn. Plan and profile, 1903. Scale, 1:24,000. Contour interval, 10 feet. Topography to 50 feet. Three sheets (two plan, one profile), not published.

(d) Nottely River from mouth to North Carolina-Georgia State line, 18 miles (3UJ). Part of map of Nottely River from mouth to Blairsville, Ga. Plan, 1903. Scale, 1:24,000. Contour interval, 10 feet. Topography to 40-70 feet.

For areas in North Carolina covered by United States Geological Survey standard topographic maps see plate 1.

NORTH DAKOTA

MISSISSIPPI RIVER BASIN (5, 6).

(a) Missouri River from Montana-North Dakota State line to Nebraska-Iowa State line at Sioux City, 947 miles (6E, 6J, 6L). Plan by Corps of Engineers, United States Army, 1892. Scale, 1:12,000. Contour interval, 20 feet. Topography varies. Part of map for navigation, showing river from mouth to Three Forks, Mont., 2,551 miles; no contours, topography indicated by hachures. Published by Missouri River Commission, St. Louis, Mo.

NELSON RIVER and LAKE WINNIPEG. (Canada).

(a) Red River of the North from international boundary to Lake Traverse, 455 miles (50, 5F). Plan and profile by Bureau of Public Roads, United States Department of Agriculture. Scale, of plan, 1:53,000; profile, 1 inch=10 miles. No topography, but many elevations are given on plan. Published in report on drainage and prevention of overflow in the valley of the Red River of the North, United States Department of Agriculture Bulletin 1017, 1922.

(b) Assiniboine River (Canada).

(c) Souris (Mouse) River from international boundary to international boundary (all of river within North Dakota), 358 miles (5R). Surveyed by United States Geological Survey in cooperation with North Dakota State, 1925, 1927, 1929. Scale, 1:24,000. Contour interval, 10 feet. Topography detailed. Published by United States Geological Survey in 15 sheets (12 plan, 3 profile).

For areas in North Dakota covered by United States Geological Survey standard topographic maps see plate 1.

OHIO

MISSISSIPPI RIVER BASIN (3).

(a) Ohio River from Cairo, Ill., to Pittsburgh, Pa., 967 miles. Surveyed for navigation by Corps of Engineers, United States Army at different dates. Maps filed in district offices of Corps of Engineers.

For areas in Ohio covered by United States Geological Survey standard topographic maps see plate 1.

OKLAHOMA

For areas in eastern Oklahoma covered by United States Geological Survey standard topographic maps see plate 1.

OREGON

SILVER LAKE BASIN (10AC).


Dam site. Scale, 1:24,000. Contour interval, 5 feet. Topography detailed.

(a) Silver Creek from sec. 22, T. 21 S., R. 26 E., to sec. 33, T. 23 S., R. 27 E. (10AA), Silver Creek reservoir site. Silver Creek reservoir site comprises area above sec. 6, T. 22 S., R. 26 E.; scale, 1:48,000; contour interval, 10 feet; topography to 100 feet at dam site. Area below reservoir site, at scale 1:190,080; contour interval 10 feet and 50 feet; topography covers wide area for proposed irrigation. Published in report on Harney and Silver Creek irrigation projects, by United States Bureau of Reclamation and State of Oregon, 1916.

Dam site. Scale 1:2,400. Contour interval, 10 feet. Topography to 150 feet.

MALHEUR LAKE and HARNEY LAKE (10AB).

OREGON

interval, 5 feet. Topography to 100 feet at dam site. Published in report on Harney and Silver Creek irrigation projects, by United States Bureau of Reclamation and State of Oregon, 1916.

Dam site. Scale, 1:24,000. Contour interval, 10 feet. Topography to 100 feet.


Dam site. Topography to 300 feet.


Dam site. Topography to 70 feet.

LAKE ABERT BASIN (10AD).

(a) Chewaucan River from Paisley, in sec. 24, T. 33 S., R. 18 E., to sec. 1, T. 36 S., R. 17 E., 29 miles (10AD), and dam sites. Plan and profile, 1936. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Published in three sheets (one plan, one profile, one dam sites), 1938.

Bear Creek dam site, at mile 9.9 in sec. 28, T. 34 S., R. 18 E. Topography to 210 feet.

Coffee Pot dam site, at mile 13.6 in sec. 3, 4, T. 35 S., R. 18 E. Topography to 150 feet.

Upper Chewaucan dam site, at mile 23.4, sec. 10, T. 36 S., R. 18 E. Topography to 80 feet.

WARNER LAKES BASIN (10AE).

(a) Deep Creek and tributaries from Adel upstream to sec. 28, T. 40 S., R. 22 E., 21 miles (10AE), Big Valley reservoir site. Plan and profile, 1936. Scale, 1:24,000. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Published in four sheets (two plan, one profile, one dam sites), 1939.

Big Valley dam site, at mile 15.7 in sec. 4, T. 40 S., R. 22 E. Scale, 1:4,800. Contour interval, 10 feet. Topography to 100 feet.

(b) Camas Creek from mouth to sec. 8, T. 39 S., R. 21 E., 16 miles (10AE), and dam sites. Dam-site scale, 1:4,800; contour interval, 10 feet. Shown on 1936 survey of Deep Creek and tributaries.

Mud-Camas dam site at mile 8.8 in sec. 5, T. 39 S., R. 22 E. Topography to 230 feet.

Camas dam site at mile 11.0 in sec. 1, T. 39 S., R. 21 E. Topography to 90 feet.

KLAMATH RIVER from California-Oregon State line to Keno, Oreg., 25 miles (11AE), and dam sites. Plan and profile, 1923. Scale 1:48,000. Contour interval, 25 feet on land, 5 feet on water. Topography detailed. Dam site scale, 1:2,400; contour interval, 10 feet. Shown on 2 sheets (1 plan, 1 profile), 1913–23 survey of Klamath River in California and Oregon (16 sheets: 9 plan, 7 profile); dam sites shown on 1 sheet in set of 4 showing miscellaneous dam sites on Klamath River in California and Oregon. See also California.

Salt Caves dam site, at mile 178.9. Topography to 160 feet.
Spencer Creek dam site, at mile 193.1. Topography to 80 feet.
Keno dam site, at mile 200.5. Topography to 60 feet.


Rogue River from Lost Creek upstream 3 miles (12RD), Hamaker reservoir site. Plan, 1923. Scale, 1:12,000. Contour interval, 20 feet. Topography to 160 feet at dam site. Dam-site scale, 1:2,400; contour interval, 10 feet. Published on 1 sheet in set of 3 showing also dam sites in Rogue River Basin. Out of stock.

Copper Canyon dam site, at mile 20.5 in sec. 11, T. 35 S., R. 12 W. Topography to 150 feet.
Devils Stairs dam site, at mile 43 in sec. 17, T. 33 S., R. 10 W. Topography to 160 feet.
Horseshoe Bend dam site, at mile 54 in sec. 17, T. 33 S., R. 9 W. Topography to 150 feet.

Taylor Creek dam site, at mile 75.3 in sec. 23, T. 35 S., R. 7 W. Topography to 190 feet.
Hell Gate dam site, at mile 78 in sec. 10, T. 35 S., R. 7 W. Topography to 160 feet.
Trail Creek dam site, at mile 143.5 in sec. 10, T. 35 S., R. 7 W. Topography to 160 feet.

Lost Creek dam site, at mile 154.7 in sec. 26, T. 33 S., R. 1 E. Topography to 175 feet.

Hamaker dam site, at mile 198 in sec. 20, T. 29 S., R. 4 E. Topography to 140 feet.


(b) Middle Fork Rogue River from mouth in sec. 9, T. 33 S., R. 3 E., to sec. 36, T. 32 S., R. 3 E., 5 miles (12RD). Plan and profile, 1923. Scale, 1:31,680 Contour interval, 20 feet on land, 5 feet on water. Topography to 500 feet. Shown on parts of two sheets (one plan, one profile), 1923 survey of Rogue River.


(a) Big Butte Creek from mouth in sec. 34, T. 33 S., R. 1 E., to sec. 17, T. 35 S., R. 3 E., 18 miles (12RD). Plan and profile, 1923. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography to 200 feet. Shown on parts of three sheets (two plan, one profile), 1923 survey of Rogue River.


(a) Little Butte Creek from mouth in sec. 12, T. 36 S., R. 2 W., upstream 1 mile (12RD). Plan and profile, 1923. Scale, 1:31,680. Contour interval, 20 feet. Topography to 100 feet. Shown on parts of two sheets (one plan, one profile), 1923 survey of Rogue River.

(a) Little Butte Creek from mouth to 1 mile above South Fork, 18 miles (12RD), and dam sites. Plan and profile, 1935–1936. Scale, 1:31,680 and 1:12,000. Contour interval 10 and 20 feet on land, 5 feet on water. Topography detailed. Dam-site scale, 1:4,800; contour interval, 10 feet. Published in three sheets (one plan, one profile, one dam sites), 1938.

Brownsboro dam site, at mile 5.5 in sec. 5, T. 36 S., R. 1 E. Topography to 110 feet.

Upper Brownsboro dam site, at mile 13.2 in sec. 11, 14, T. 36 S., R. 1 E. Topography to 140 feet.

Lake Creek dam site at mile 16.5 in sec. 19, 20, T. 36 S., R. 2 E. Topography to 90 feet.

(b) South Fork Little Butte Creek from mouth to Lost Creek, 4 miles (12RD). Shown on one sheet, 1935–36 Survey of Little Butte Creek.

South Fork dam site, at mile 19 in sec. 28, 29, T. 36 S., R. 2 E. Scale 1:4,800. Contour interval, 10 feet. Topography to 120 feet.

(a) Evans Creek from mouth to West Fork, 20 miles (12RD), showing reservoir site and dam sites. Plan and profile, 1935–36. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed above Wimer; shows creek, highway, and immediately adjacent area below Wimer. Reservoir site in upper portion on scale 1:12,000; contour interval, 10 feet on land, 5 feet on water; topography to 120 feet. Published in two sheets (one plan and profile, one reservoir and dam sites), 1938.

Upper Evans Creek dam site, at mile 18.5 in sec. 23, 24, T. 34 S., R. 3 W. Scale, 1:2,400. Contour interval, 10 feet. Topography to 130 feet.

Lower Evans Creek dam site, at mile 18.0 in sec. 26, T. 34 S., R. 3 W. Scale, 1:4,800. Contour interval, 10 feet. Topography to 120 feet.

(a) Applegate River from Murphy dam site in sec. 15, T. 37 S., R. 6 W., to sec. 1, T. 38 S., R. 5 W., 12 miles, and from sec. 33, T. 39 S., R. 3 W., to junction of Elliot Creek, 13 miles (12RD). Plan and profile, 1936–37. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Dam-site scale, 1:4,800; contour interval, 10 feet. Published in four sheets (two plan, one profile, one dam sites), in 1940.

Squaw Creek dam site, in sec. 36, T. 40 S., R. 4 W. Topography to 300 feet.
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French Gulch dam site, in sec. 25, T. 40 S., R. 4 W. Topography to 330 feet.

McKee Bridge dam site, in sec. 33, T. 39 S., R. 3 W. Topography to 230 feet.


Murphy dam site in sec. 15, T. 37 S., R. 6 W. Topography to 190 feet.

(b) Carberry Creek from mouth to mile 7 (12RD). Shown on one sheet, 1936–37 survey of Applegate River.

Carberry Creek dam site in sec. 27, T. 40 S., R. 4 W. Scale, 1:2,400. Contour interval, 10 feet. Topography to 230 feet.


(a) Jump-off Joe Creek from mouth in sec. 14, T. 35 S., R. 7 W., to sec. 5, T. 35 S., R. 5 W., 13 miles (12RD) and dam site. Plan and profile, 1936. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed in upper 3 miles, showing reservoir site; below reservoir site, only creek, road, and immediately adjacent area are shown. Published in one sheet, 1937.

Jump-off Joe Creek dam site, at mile 10.5 in sec. 36, T. 34 S., R. 6 W. Scale, 1:4,800. Contour interval, 10 feet. Topography to 250 feet.


(a) Grave Creek from Boulder Creek in sec. 6, T. 34 S., R. 4 W., upstream about 4 miles (12RD), showing reservoir site. Plan, 1936. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography to 200 feet. Published in one sheet, 1938.

Grave Creek dam site, in sec. 6, T. 34 S., R. 4 W., scale, 1:4,800. Contour interval, 10 feet. Topography to 210 feet.


feet. Topography to 100-200 feet. Shown on parts of two sheets (one plan, one profile), 1923 survey of Rogue River.

(a) Illinois River from mouth in sec. 18, T. 35 S., R. 11 W., to sec. 5, T. 40 S., R. 8 W., 60 miles (12RD), showing Kerby reservoir, and dam sites. Plan and profile, 1923. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography to 200 feet. Kerby reservoir scale, 1:31,680; contour interval, 10 feet; topography to 120 feet. Dam-site scale (except Kerby), 1:4,800; contour interval, 10 feet. Shown on four sheets (two plan, one showing reservoir, two profile), 1923 survey of Rogue River.

Kerby dam site, at mile 50.1 in sec. 29, T. 38 S., R. 8 W. Scale, 1:2,400. Topography to 130 feet.

Josephine Creek dam site, at mile 50 in sec. 29, T. 38 S., R. 8 W. Topography to 160 feet.

Fall Creek dam site, at mile 39.7, approximately in sec. 33, T. 37 S., R. 9 W. Topography to 150 feet.

Collier Bar dam site, at mile 11.9 in T. 36 S., R. 11 W., 1.5 miles below mouth of Collier Creek. Topography to 200 feet. Published only in Water-Supply Paper 638.


(b) Reeves Creek from mouth in sec. 28, T. 38 S., R. 8 W., upstream 2 miles (12RD). Plan and profile, 1923. Scale, 1:31,680. Contour interval, 10 feet. Topography to 10-110 feet. Shown on parts of two sheets (one plan, one profile), 1923 survey of Rogue River.


(b) Silver Creek from mouth upstream 2 miles (12RD). Plan and profile, 1923. Scale, 1:31,680. Contour interval, 20 feet. Topography to 20-200 feet. Shown on parts of two sheets (one plan, one profile), 1923 survey of Rogue River.

(b) Indigo Creek from mouth upstream 2 miles (12RD). Plan and profile, 1923. Scale, 1:31,680. Contour interval, 20 feet. Topography to 20-200 feet. Shown on parts of two sheets (one plan, one profile), 1923 survey of Rogue River.

feet. Topography to 20–200 feet. Shown on parts of two sheets (one plan, one profile), 1923 survey of Rogue River.

Coquille River (12RC).

(a) South Fork Coquille River from Powers, Oreg., to sec 8, T. 32 S., R. 10 W., 32 miles (12RC). Plan and profile, 1924–25. Scale, 1:31,680. Contour interval, 20 feet on land, 5 and 20 feet on water. Topography detailed. Published in two sheets (one plan, one profile), 1926.

(b) South Fork Coquille River from sec. 23, T. 32 S., R. 11 W., to point 5 miles upstream (12RC). Ash Swamp reservoir site. Plan, 1924–25. Scale, 1:12,000. Contour interval, 10 feet on land, 5 and 20 feet on water. Topography detailed. Published in one sheet, showing also three dam sites in Coquille River basin, 1926. Out of stock.


Fairview dam site. Scale, 1:4,800. Contour interval, 10 feet. Topography to 200 feet.

(b) East Fork Coquille River from sec. 5 to sec. 9, T. 28 S., R. 10 W., 2 miles (12RC), showing also conduit location from Brewster Valley dam site to point on Cherry Creek in sec. 3, T. 28 S., R. 11 W. Plan and profile, 1924–25. Scale, 1:31,680. Contour interval, 50 feet on land, 10 feet on water. Topography detailed. Shown on two sheets, 1924–25 survey of South Fork Coquille River. Out of stock.


UMPQUA River from Scottsburg to confluence of North Umpqua River and South Umpqua River, 83 miles (12RB), including North Umpqua River and tributaries. Plan and profile, 1914 and 1924. Scale, 1:31,680. Contour interval, 25 feet on land, 5 feet on water. Topography detailed. Published in nine sheets (five plan, four profile), including the 1914 survey of Umpqua River above Elkton, with added detailed topography, 1926.


UMPQUA River dam sites. Surveyed, 1924. Scale, 1:4,800. Contour interval, 10 feet. Shown in set of seven sheets entitled "Miscellaneous Reservoir and Dam Sites, Umpqua River Above Scottsburg, Oreg., North Umpqua and tributaries," as part of the 1914–24 survey of Umpqua River and tributaries.

Scottsburg dam site, in sec. 7, T. 22 S., R 9 W. Topography to 75 feet.

Sawyer Rapids dam site, in sec. 4, T. 22 S., R. 8 W. Topography to 100 feet.
Kelly-Smith Ferry dam site, in sec. 5, S. T. 23 S., R. 7 W. Topography to 100 feet.

Smith Ferry dam site, in sec. 30, T. 23 S., R. 7 W. Topography to 150 feet.

Kellogg dam site, in sec. 11, T. 24 S., R. 7 W. Topography to 120 feet.

Coles Valley dam site at mile 47.9 in sec. 10, T. 25 S., R. 7 W. Topography to 400 feet above sea level, or 110 feet above water surface at dam site.


Winchester dam site, in secs. 19, 20, T. 26 S., R. 5 W. Topography to 100 feet.

Oak Creek dam site, in sec. 11, T. 26 S., R. 5 W. Topography to 75 feet.

Horseshoe Bend dam site, in sec. 17, T. 26 S., R. 4 W. Topography to 75 feet.

Glide dam site, in sec. 19, T. 26 S., R. 3 W., just below mouth of Little River. Topography to 100 feet, showing conduit location from Glide dam site to Horseshoe Bend dam site, along the 720-foot contour.

Clark ranch dam site, in sec. 21, T. 26 S., R. 2 W. Topography to 100 feet.

Steamboat dam site, in about sec. 9, T. 26 S., R. 1 E. Topography to 225 feet.

Copeland Creek dam site, in sec. 21, T. 26 S., R. 2 E. Topography to 200 feet.

Soda Springs dam site, in T. 26 S., R. 3 E., at mile 151.7 above Scottsburg. Topography to 225 feet.

(b) Lake Creek from mouth to Diamond Lake, 12 miles (12RB). Plan and profile, 1914. Scale, 1:48,000. Contour interval, 25 feet on land, 5 feet on water. Very little topography. Published in Water-Supply Paper 379. Shown on two sheets (one plan, one profile), 1914–24 survey of Umpqua River and tributaries.

Dam site at outlet of Diamond Lake. Scale, 1:4,800. Contour interval, 10 feet. Topography to 50 feet.

(b) Clearwater River from mouth to Lava Creek, 12 miles (12RB). Plan and profile, 1924. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Shown on two sheets (one plan, one profile), 1914–24 survey of Umpqua River and tributaries.

(b) Fish Creek from mouth to Rough Can Creek, 9 miles (12RB). Plan and profile, 1924. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water.
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water. Topography to 200 feet. Shown on two sheets (one plan, one profile), 1914–24 survey of Umpqua River and tributaries.

(b) Steamboat Creek from mouth upstream 10 miles (12RB). Plan and profile, 1924. Scale, 1: 31,680. Contour interval, 20 feet on land, 5 feet on water. Topography to 200 feet. Shown on two sheets (one plan, one profile), 1914–24 survey of Umpqua River and tributaries.

(a) South Umpqua River from sec. 16, T. 30 S., R. 4 W., to sec. 27, T. 29 S., R. 1 W., 26 miles (12RB), and dam sites. Plan and profile, 1936. Scale, 1: 24,000. Contour interval, 20 feet on land, 5 feet on water. Topography to 200 feet. Shown on two sheets (one plan, one profile), 1914–24 survey of Umpqua River and tributaries.

(b) Steamboat Creek from mouth upstream 10 miles (12RB). Plan and profile, 1924. Scale, 1: 31,680. Contour interval, 20 feet on land, 5 feet on water. Topography to 200 feet. Shown on two sheets (one plan, one profile), 1914–24 survey of Umpqua River and tributaries.

(b) South Umpqua River from sec. 16, T. 30 S., R. 4 W., to sec. 27, T. 29 S., R. 1 W., 26 miles (12RB), and dam sites. Plan and profile, 1936. Scale, 1: 24,000. Contour interval, 20 feet on land, 5 feet on water. Topography to 200 feet. Shown on two sheets (one plan, one profile), 1914–24 survey of Umpqua River and tributaries.

Tiller dam site, at mile 17.1 in sec. 27, T. 30 S., R. 2 W. Topography to 270 feet.

Days Creek dam site, at mile 0.2 in sec. 21, T. 30 S., R. 4 W. Topography to 250 feet.

Shively dam site, at mile 2.9 in sec. 23, 24, T. 30 S., R. 4 W. Topography to 210 feet.

(b) Jackson Creek from mouth upstream to mile 4 (12RB). Shown on two sheets (one plan, one profile), 1936 survey of South Umpqua River.

(b) Cow Creek from sec. 2, T. 32 S., R. 4 W., to sec. 2, T. 32 S., R. 3 W., 8 miles (12RB), and dam sites. Plan and profile, 1936. Scale, 1: 24,000. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Dam-site scale, 1: 4,800; contour interval, 10 feet. Published in one sheet, showing also three dam sites.

Dismal Creek dam site, at mile 4.4 in sec. 5, T. 32 S., R. 3 W. Topography to 170 feet.

Upper Meadows dam site, at mile 0.6 in sec. 1, T. 32 S., R. 4 W. Topography to 140 feet.

Lower Meadows dam site, at mile 0.0 in sec. 2, T. 32 S., R. 4 W. Topography to 150 feet.

(a) Calapooya Creek from mouth to sec. 4, T. 25 S., R. 5 W., 13 miles (12RB). Surveyed, 1924. Scale, 1: 12,000. Contour interval, 10 feet. Topography detailed. Shown on two sheets in set of seven showing miscellaneous reservoir and dam sites, 1914–24 survey of Umpqua River and tributaries.

(a) Calapooya Creek from mouth to sec. 4, T. 25 S., R. 5 W., 13 miles (12RB). Surveyed, 1924. Scale, 1: 12,000. Contour interval, 10 feet. Topography detailed. Shown on two sheets in set of seven showing miscellaneous reservoir and dam sites, 1914–24 survey of Umpqua River and tributaries.

(a) Calapooya Creek from mouth to sec. 4, T. 25 S., R. 5 W., 13 miles (12RB). Surveyed, 1924. Scale, 1: 12,000. Contour interval, 10 feet. Topography detailed. Shown on two sheets in set of seven showing miscellaneous reservoir and dam sites, 1914–24 survey of Umpqua River and tributaries.


Dam site at outlet of Loon Lake. Scale, 1: 4,800. Contour interval, 10 feet. Topography to 50 feet.

(b) Loon Lake, 2 miles (12RB), potential reservoir site. Plan, 1924. Scale, 1: 12,000. Contour interval, 10 feet. Topography to 50 feet. Published on one sheet in set of seven showing miscellaneous reservoir and dam sites, 1914–24 survey of Umpqua River and tributaries.

(c) Lake Creek. Small reservoir site on Lake Creek near headwaters. Surveyed, 1926. Scale, 1: 31,680. Not published.

Siletz River from tide water in sec. 7, T. 9 S., R. 10 W., to junction of North Fork and South Fork in sec. 18, T. 8 S., R. 8 W., 45 miles (12RA), and tributaries. Plan and profile, 1925. Scale, 1: 31,680. Contour interval, 20 feet on land, 5 feet of water. Topography to 200 feet. Published in three sheets (two plan, one profile), 1926. Out of stock.

Falls dam site, in sec. 24, T. 8 S., R. 9 W. Scale, 1: 4,800. Contour interval, 10 feet. Topography to 180 feet.
OREGON

(a) South Fork Siletz River from mouth upstream 11 miles (12RA), showing reservoir site near Valsetz. Scale, 1:31,680. Contour interval, 20 feet. Topography detailed. Shown on one sheet, 1925 survey of Siletz River and tributaries.

(a) North Fork Siletz River upstream 2 miles (12RA). Shown on one sheet, 1925 survey of Siletz River and tributaries.

NeHEALM RIVER from near Mohler in sec. 36, T. 3 N., R. 10 W., to Timber in sec. 22, T. 3 N., R. 5 W., 102 miles (12RA), and dam sites. Surveyed, 1934 and 1936. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Dam-site scale, 1:4,800; contour interval, 10 feet. Published in seven sheets (four plan, three profile).

Stonehill dam site, at mile 4.9 in sec. 34, T. 3 N., R. 9 W. Topography to 80 feet.

Nehalem Falls dam site, at mile 8 in sec. 22, 27, T. 3 N., R. 9 W. Topography to 340 feet.

Salmonberry dam site, at mile 15.5 in sec. 10, T. 3 N., R. 8 W. Topography to 240 feet.

Elsie dam site, at mile 30.4 in sec. 4, T. 4 N., R. 7 W. Topography to 250 feet.

Tideport dam site, at mile 36.9 in sec. 23, 24, T. 5 N., R. 7 W. Topography to 210 feet.

COLUMBIA RIVER. For surveys of Columbia River, see Washington (p. 112).

(a) Snake River from Lewiston, Idaho, to Huntington, Oreg. See Idaho (p. 37). See also plate one for work in progress on quadrangle maps covering Snake River.

(b) Owyhee River from sec. 8, T. 32 S., R. 42 E., to sec. 4, T. 31 S., R. 41 E., about 9 miles (12HE), Duncan Ferry reservoir site. Plan by United States Bureau of Reclamation, 1906. Scale, 1:12,000. Contour interval, 10 feet. Topography to 100 feet. Scale of published map, 1:63,360; contour interval, 10 feet; topography to 100 feet at dam site. Dam-site scale, 1:2,400; contour interval, 10 feet and 50 feet; topography to 300 feet. Published in report entitled "Malheur and Owyhee Projects, Irrigation and Drainage," by United States Bureau of Reclamation and State of Oregon, 1916.


(c) Middle Fork Malheur River from sec. 8, T. 23 S., R. 37 E., to sec. 27, T. 21 S., R. 36 E., 10 miles (12HH), Warm Springs reservoir site. Plan by United States Bureau of Reclamation, 1905. Scale, 1:12,000. Contour interval, 5 feet. Topography to 100 feet. Scale of published map, 1:64,000; contour interval, 10 feet; topography to 100 feet at dam site. Dam-site scale, 1:2,400; contour interval, 5 feet; topography to 180 feet. Published in report entitled "Malheur
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(c) North Fork Malheur River from sec. 22, T. 19 S., R. 37 E., to sec. 4, T. 19 S., R. 37 E., about 4 miles (12HH), Agency Valley reservoir site. Plan by United States Bureau of Reclamation, 1909. Scale, 1:12,000. Contour interval, 10 feet on land, 5 feet on water. Topography to about 75 feet. Scale of published map, 1:63,360; contour interval, 10 feet; topography to 90 feet at dam site. Dam-site scale, 1:2,400; contour interval, 10 feet; topography to 100 feet. Published in report entitled "Malheur and Owyhee Projects, Irrigation and Drainage," by United States Bureau of Reclamation and State of Oregon, 1916.

(b) Imnaha River from Skookum Creek downstream 4 miles (12HH), showing Coverdale reservoir site. Plan, 1930. Aneroid datum. Scale, 1:31,680. Contour interval, 20 feet. Topography to 200 feet at dam site. Published in one sheet, showing also dam sites, 1934.


(b) Grande Ronde River from mouth in Washington to mouth of Wallowa River in Oregon, 37 miles in Washington, 44 miles in Oregon (12HP). Plan and profile, 1930. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Published in seven sheets (three plan, three profile, one showing dam sites), including Wallowa River, Minam River and dam sites, 1934.

(c) Catherine Creek from sec. 7 to sec. 21, T. 5 S., R. 41 E. (12HP) showing reservoir site. Plan, 1933. Scale, 1:31,680. Contour interval, 20 feet. Topography to 200 feet at dam site. Published in one sheet, showing also dam sites, 1934.

Three alternative dam sites in sec. 7, T. 5 S., R. 41 E. Scale, 1:4,800. Contour interval, 10 feet. Topography to 200 feet at dam site.


(a) Walla Walla River above Freewater, Oreg. (12MB), including North Fork, and South Fork, and miscellaneous dam sites. Plan and profile, 1931-32. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Published in four sheets (two plan, one profile, one dam site), 1933.


Rock dam site, in sec. 18, T. 5 N., R. 36 E. Scale, 1:4,800. Contour interval, 10 feet. Topography to 180 feet.


Three dam sites, at mile 15.4, mile 16.5, and mile 17.3, respectively. Scale, 1:4,800. Contour interval, 10 feet. Topography to about 300 feet. Mileage from Freewater, Oreg., on Walla Walla River.

(a) Umatilla River from sec. 2, T. 2 N., R. 34 E., to forks, about 22 miles (12MC). Plan and profile, 1934. Scale, 1:12,000. Contour interval, 10 and 20 feet. Topography detailed. Dam-site scale, 1:4,800; contour interval, 10 feet. Published in three plan sheets, 2 also showing dam sites, 1938.

Ryan Creek dam site, in sec. 21, 22, T. 3 N., R. 36 E. Topography to 250 feet.

Bingham Springs dam site, in sec. 17, T. 3 N., R. 37 E. Topography to 320 feet.


(a) John Day River from mouth in sec. 23, T. 3 N., R. 17 E., to mouth of Middle Fork in sec. 30, T. 9 S., R. 26 E., 180 miles (12MF). Plan and profile, 1909. Scale,
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(b) Crooked River from mouth to trail crossing in sec. 33, T. 13 S., R. 13 E., about 20 miles (12MJ). Plan and profile, 1925. Scale, 1: 12,000. Contour interval, 25 feet on land, 5 feet on water. Topography to 100–500 feet. Published in three sheets (two plan, one profile), 1926.


(c) Ochoco Creek from sec. 5, T. 15 S., R. 17 E., to sec. 36, T. 14 S., R. 17 E. (12MJ), reservoir site. Plan, 1914. Scale, 1: 24,000 Contour interval, 10 feet. Topography to 150 feet at dam site. Dam-site scale, 1: 3,600; contour interval, 5 feet; topography to 130 feet. Published in report on Ochoco irrigation project and Crooked River investigation by United States Bureau of Reclamation and State of Oregon, 1915.


(b) Shitiké Creek from mouth in sec. 30, T. 9 S., R. 13 E., to sec. 30, T. 9 S., R. 10 E., 20 miles (12MK). Plan and profile by Office of Indian Affairs, 1912. Scale, 1: 24,000 No contours. Topography indicated by shading. Profile extends to Harvey Lake, 32 miles above mouth. Not published.


(c) Badger Creek from mouth in sec. 21, T. 7 S., R. 11 E., to sec. 31, T. 7 S., R. 10 E., 9 miles (12MK). Plan and profile by Office of Indian Affairs, 1912. Scale, 1:24,000. No contours. Topography indicated by shading. Not published.

(c) Mill Creek from mouth in sec. 13, T. 8 S., R. 11 E., to sec. 31, T. 9 S., R. 10 E., 22 miles (12MK). Plan and profile by Office of Indian Affairs, 1912. Scale, 1:24,000. No contours. Topography indicated by shading. Not published.

(c) Beaver Creek from mouth in sec. 18, T. 8 S., R. 12 E., to sec. 36, T. 6 S., R. 10 E., 13 miles (12MK). Plan and profile by Office of Indian Affairs, 1912. Scale, 1:24,000. No contours. Topography indicated by shading. Not published.


(a) Hood River from mouth to junction of East Fork and Middle Fork, 14 miles (12MN). Revision of 1913 survey, 1933. Scale, 1:31,680. Contour interval, 25 feet on land, 5 feet on water. Topography detailed. Revision, with new surveys on major tributaries in 1933, 1935, and 1936, incorporated in set of four sheets (two plan, two profile), published 1939.


(a) Sandy River from mouth in sec. 19, T. 1 N., R. 4 E., to Marmot, sec. 18, T. 2 S., R. 6 E., 30 miles (12MO). Plan and profile, 1926. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography to 150 feet. Published in two sheets (one plan, showing also dam site, and one profile), 1927.

Swimming Hole dam site, at mile 17.8 in sec. 30, T. 1 S., R. 5 E. Scale, 1:4,800. Contour interval, 10 feet. Topography to 110 feet.

(b) Zigzag River from sec. 33, T. 2 S., R. 7 E., to sec. 17, T. 3 S., R. 8 E., 6 miles (12MO). Plan and profile, 1913. Scale, 1:31,680. Contour interval, 25 feet on
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land, 5 feet on water. Topography to 25-75 feet. Published in Water-Supply Paper 348.


(b) Bull Run River from mouth on north line of sec. 31, T. 1 S., R. 5 E., to town of Bull Run, 2 miles (12MO). Plan and profile, 1926. Scale, 1:31,680. Contour interval, 20 feet. Topography to 100 feet. Shown on 1926 survey of Sandy River from mouth to Marmot.

(a) Willamette River (12N).


(b) Middle Fork Willamette River from Lookout Point in sec. 35, T. 20 S., R. 2 E., to point about 1 mile above Hills Creek in sec. 2, T. 22 S., R. 3 E., 13 miles (12NB), Lookout Point reservoir site. Plan, 1935. Scale, 1:12,000. Contour interval, 10 feet on land, 5 feet on water. Topography to 1,300 feet. Published in four sheets (three plan, and one showing Lookout Point dam site). 1937.

Lookout Point dam site, in sec. 35, T. 20 S., R. 2 E. Scale, 1:2,400. Contour interval, 10 feet. Topography to 450 feet.

(b) Middle Fork Willamette River from Coast Fork in sec. 11, T. 18 S., R. 3 W., to mouth of North Fork in sec. 12, T. 21 S., R. 2 E., 40 miles (12NB). Plan and profile, 1926. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography to 100 feet or more. Published in two sheets (one plan, one profile), 1927.


(c) North Fork Middle Fork Willamette River from mouth to sec. 13, T. 20 S., R. 3 E., 10 miles (12NB). Shown on two sheets, 1935 survey of Middle Fork Willamette River.

(b) Coast Fork Willamette River (12NA).


(b) McKenzie River from mouth to and including Clear Lake, 87 miles (12ND), including two dam sites. Plan and profile, 1925. Scale, 1:31,680.
Contour interval, 20 feet on land, 5 feet on water. Topography to 60–200 feet. Dam-site scale, 1:4,800; contour interval, 10 feet. Published in six sheets (two plan, one plan and dam sites, three profile), 1926.

Martins Rapids dam site, in sec. 36, T. 16 S., R. 2 E. Topography to 150 feet.

Dam site at outlet of clear Lake, sec. 17, T. 14 S., R. 7 E. Topography to 50 feet.


Hoskins dam site, at mile 0.0 in sec. 19 T. 10 S., R. 6 W. Topography to 150 feet.

Seekay dam site, at mile 7.2 in sec. 34, T. 9 S., R. 7 W. Topography to 180 feet.

(b) Santiam River (12NE).


(c) South Santiam River from sec. 25, T. 13 S., R. 1 W., to mile 22, sec. 35, T. 13 S., R. 3 E. (12NE), including Middle Santiam River, and dam sites. Plan and profile, 1935. Scale, 1:31,680 and 1:12,000. Contour interval, 10 and 20 feet on land, 5 feet on water. Topography detailed. Dam-site contour interval,
10 feet. Published, with survey of Middle Santiam River, in five sheets (three plan showing dam sites, one profile, one dam sites), 1938.

Sweet Home dam site, at mile 1 in sec. 25, T. 13 S., R. 1 W., and sec. 30, T. 13 S., R. 1 E. Scale 1:4,800. Topography to 180 feet.

Lower Cascadia dam site, at mile 10.1 in sec. 29, T. 13 S., R. 2 E. Scale, 1:2,400. Topography to 180 feet.

Upper Cascadia dam site, at mile 14.9 in sec. 35, T. 13 S., R. 2 E. Scale, 1:2,400. Topography to 250 feet.

(d) Middle Santiam River from mouth to mile 11 in see. 33, T. 12 S., R. 3 E. Scale, 1:4,800. Topography to 150 feet.

Wallace Bridge dam site, at mile 0.0 in sec. 14, T. 6 S., R. 7 W. Topography to 150 feet.

(12NF). Show on two sheets (one plan, one profile), 1935 survey of South Santiam River and Middle Santiam River.

Green Peter dam site, at mile 6 in sec. 10, T. 13 S., R. 2 E. Scale, 1:4,800. Contour interval, 10 feet. Topography to 200 feet.

(b) Yamhill River (12NF).

(c) South Yamhill River from old Wallace Bridge, sec. 14, T. 6 S., R. 7 W., to Hanchet Creek, 17 miles (12NF). Plan and profile, 1934. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Dam site, scale, 1:4,800; contour interval, 10 feet. Published in two sheets (one plan showing two dam sites, one profile), 1938.

Cedar Creek dam site, at mile 14 in sec. 33, T. 5 S., R. 8 W. Topography to 150 feet.

Wallace Bridge dam site, at mile 0.0 in sec. 14, T. 6 S., R. 7 W. Topography to 150 feet.

(d) Willamina Creek from sec. 12, T. 5 S., R. 7 W., to point about 5 miles upstream (12NF), Willamina Creek reservoir site. Plan, 1934. Scale, 1:31,680. Contour interval, 20 feet. Topography detailed. Published in one sheet, 1937.

Willamina Creek dam site, at mile 0.0 in sec. 12, T. 5 S., R. 7 W. Scale, 1:4,800. Contour interval, 10 feet. Topography to 320 feet.


Dam site, in sec. 6, T. 7 S., R. 3 E. Scale, 1:4,800. Contour interval, 10 feet. Topography to 300 feet. Not published.

(b) Tualatin River (12NF).

(c) Gales Creek from sec. 23, T. 2 N., R. 5 W., to sec. 34, T. 3 N., R. 5 W., 5 miles (12NF), showing Gales Creek reservoir site. Plan, 1934. Scale, 1:31,680. Contour interval, 20 feet. Topography detailed. Published in one sheet, 1937.

Gales Creek dam site, at mile 0.0 in sec. 23, T. 2 N., R. 5 W. Scale, 1:4,800. Contour interval, 10 feet. Topography to 200 feet.


For areas in Oregon covered by United States Geological Survey standard topographic maps see plate 1.

**Pennsylvania**

Susquehanna River from mouth to Athens, 298 miles (1PH, 1PG, 1PF, 1PE, 1PA, 1NN, 1NM, 1NL, 1NK). Profile. Scale, 1 inch = 3 miles. Published in Water Supply Paper 100.\(^1\)

\(^1\) Small-scale profile with table of elevation at towns and distances.
(a) West Branch Susquehanna River from mouth to Keating, 105 miles (1OD, 1OF, 1OG, 1OH). Profile. Scale, 1 inch=14 miles. Published in Water-Supply Paper 109.1

(a) Juniata River from mouth to Hollidaysburg dam, 126 miles (1PB, 1PC, 1PD), including Frankstown Branch. Profile. Scale, 1 inch=14 miles. Published in Water-Supply Paper 109.

(b) Raystown Branch Juniata River from mouth to Mount Dallas, 79 miles (1PC). Profile. Scale, 1 inch=14 miles. Published in Water-Supply Paper 109.

Mississippi River.

(a) Allegheny River (head of Ohio River) from point 12 miles below Irvineton to point 2 miles above, 14 miles (3AD), reservoir site No. 3. Plan and profile, 1910. Scale, 1: 50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.

(a) Allegheny River from point 1/2 mile below Tubbs Run to point 2 miles above Tidloute, 16 miles (3AD), reservoir site No. 2. Plan and profile, 1910. Scale 1: 50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.

(b) Allegheny River from point 15 miles below Tionesta to point 1 mile above, 16 miles (3AD), reservoir site No. 1. Plan and profile, 1910. Scale, 1: 50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.

(b) Allegheny River from point 1/2 mile below Tubbs Run to point 2 miles above Tidloute, 16 miles (3AD), reservoir site No. 2. Plan and profile, 1910. Scale 1: 50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.

(c) Kinzua Creek from point 2.7 miles above mouth upstream 7 miles (3AB), reservoir site. Plan and profile, 1910. Scale, 1: 50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.

(c) Kinzua Creek from point 2.7 miles above mouth upstream 7 miles (3AB), reservoir site. Plan and profile, 1910. Scale, 1: 50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.

(c) Tionesta River from point 1.2 miles above mouth to Kellettville, 16 miles (3AD), reservoir site. Plan and profile, 1910. Scale, 1: 50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.

(c) Tionesta River from point 1.2 miles above mouth to Kellettville, 16 miles (3AD), reservoir site. Plan and profile, 1910. Scale, 1: 50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.

(c) French Creek from point 1 mile below Sugar Creek to point 4 1/2 miles above Cochranton, 19 miles (3AE), reservoir site. Plan and profile, 1910. Scale, 1: 50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.

(d) North Branch French Creek from point 1.2 miles above mouth upstream 10 miles (3AE), reservoir site. Plan and profile, 1910. Scale 1:50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.

(d) Cussawago Creek from point 2.1 miles above mouth upstream 7 1/2 miles, disregarding bends; actual length of meandering channel, 17 miles (3AE), reservoir site. Plan and profile, 1910. Scale, 1: 50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.

(c) East Sandy Creek from point 0.6 mile above mouth upstream 3 1/2 miles (3AF), reservoir sites No. 1 and No. 2. Plan and profile, 1910. Scale, 1: 50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.

(c) Clarion River from point 5 miles below Millstone to Hallton, 14 miles (3AF), reservoir site No. 4. Plan and profile, 1910. Scale, 1: 50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.

(c) Clarion River from Mill Creek to point 1 1/2 miles above Clarington, 23 miles (3AF), reservoir site No. 3. Plan and profile, 1910. Scale, 1: 50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.

(c) Clarion River from mouth to Piney Creek, 23 miles (3AF), reservoir site No. 1. Plan and profile, 1910. Scale, 1: 50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.

(c) Red Bank Creek.

1 Small-scale profile with table of elevation at towns and distances.
(d) Little Sandy Creek from mouth upstream 7 miles (3AH), reservoir site. Plan and profile, 1910. Scale, 1:50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.

(c) Mahoning Creek from point 1 mile below Glade Run and 5½ miles below Milton, upstream 14 miles (3AJ), reservoir site No. 2, including 4½ miles of Little Mahoning Creek. Plan and profile, 1910. Scale, 1:50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.

(c) Mahoning Creek from point 1½ miles below Putneyville to point 2 miles above Eddyville, 7 miles (3AJ), reservoir site No. 1. Plan and profile, 1910. Scale, 1:50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.

(c) Crooked Creek from mouth upstream 14 miles (3AJ), reservoir site. Plan and profile, 1910. Scale, 1:50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.

(c) Kiskiminetas River.

(d) Black Lick Creek from point ¼ mile above mouth upstream 10½ miles (3AL), reservoir site. Plan and profile, 1910. Scale, 1:50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.

(d) Loyalhanna Creek from point 1.3 miles above mouth upstream 19 miles (3AL), reservoir site. Plan and profile, 1910. Scale, 1:50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.

(c) Buffalo Creek from point 11.7 miles above mouth upstream 6 miles (3AM), reservoir site. Plan and profile developed from United States Geological Survey maps, by Flood Commission of Pittsburgh, 1910. Scale, 1:50,000. No topography Published in report of Flood Commission of Pittsburgh, 1911.

(b) Beaver Creek from mouth to junction of Shenango and Mahoning Rivers, 25 miles (3CD). Plan and profile, 1912. Scale, 1:100,000. No contours. Published in Pymatuning reservoir report, by Water-Supply Commission of Pennsylvania, 1912.

(c) Shenango River from point near Shermansville to Turnersville, 16 miles (3CC), Pymatuning Swamp reservoir site. Plan and profile, 1912. Scale, 1:48,000. Contour interval, 10 feet. Topography to 40 feet. Published in Pymatuning reservoir report by Water-Supply Commission of Pennsylvania, 1912.

(c) Shenango River from mouth to source, 66 miles (3CC) Plan and profile, 1912. Scale, 1:100,000. No contours. Published in Pymatuning reservoir report by Water-Supply Commission of Pennsylvania, 1912.

(a) Ohio River from Pittsburgh to Cairo, Ill., 967 miles. Surveyed for navigation at different dates; plan by Corps of Engineers, United States Army. Maps filed in district offices of Corps of Engineers.


(b) Monongahela River from mouth upstream 6½ miles (3BH) Plan and profile, 1909. Scale, 1:2,400. Contour interval, 2 feet. Detailed topography. Published in 6 sheets in report of Flood Commission of Pittsburgh, 1911.

(c) Youghiogheny River from point 1.1 miles above confluence upstream 7 miles (3BJ), reservoir site No. 1. Plan and profile, 1910. Scale, 1:50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.

(d) Casselman River from point 4.2 miles above mouth upstream 9 miles (3BJ), reservoir sites Nos. 1-5 Plan and profile, 1910. Scale, 1:50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.
(c) Laurel Hill Creek from point 5.2 miles above mouth upstream 3 miles (3BJ), reservoir site. Plan and profile, 1910. Scale, 1:50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.

For areas in Pennsylvania covered by United States Geological Survey standard topographic maps see plate 1.

RHODE ISLAND

For areas in Rhode Island covered by United States Geological Survey standard topographic maps see plate 1.

SOUTH CAROLINA

CHATTOOGA RIVER (head of Savannah River). See Georgia (p. 30).
TUGALOO RIVER (continuation of Chattooga River). See Georgia (p. 30).


SAVANNAH RIVER. See Georgia (p. 31).

(a) Seneca River from mouth to junction of Keowee River and Twelvemile Creek, about 29 miles (2JA). Plan by Corps of Engineers, United States Army, and United States Geological Survey, 1929-30. Scale, 1:24,000. Contour interval, 20 feet on land, 5 feet on river surface. Topography detailed to 800-foot contour above sea level. Shown on two sheets of 1929-30 survey of upper Savannah River Basin.


(b) Twelvemile Creek from mouth to Cateechee Dam, about 8 miles (2JA). Plan by Corps of Engineers, United States Army, and United States Geological Survey, 1929-30. Scale, 1:24,000. Contour interval, 20 feet on land, 5 feet on river surface. Topography detailed to 700-foot contour above sea level. Shown on part of one sheet of 1929-30 survey of upper Savannah River Basin.

(a) Little River from mouth of Long Cane Creek to point about 0.5 mile upstream from Abbeville-McCormick County line, about 19 miles (2JF). Plan by Corps of Engineers, United States Army, and United States Geological Survey, 1930. Scale, 1:24,000. Contour interval, 20 feet on land, 5 feet on river surface. Topography detailed to 380-foot contour above sea level. Shown on part of one sheet of 1929-30 survey of upper Savannah River Basin.

(b) Long Cane Creek from mouth to Curtail Branch, about 17 miles (2JF). Plan by Corps of Engineers, United States Army, and United States Geological Survey, 1930. Scale, 1:24,000. Contour interval, 20 feet on land, 5 feet on river surface. Topography detailed to 380-foot contour above sea level. Shown on part of one sheet of 1929-30 survey of upper Savannah River Basin.
INDEX TO RIVER SURVEYS

(a) Stevens Creek from point about 2 miles downstream from mouth of Turkey Creek upstream about 11 miles (2JH). Plan by Corps of Engineers, United States Army, and United States Geological Survey, 1930. Scale, 1:24,000. Contour interval, 20 feet on land, 5 feet on river surface. Topography detailed to 320-foot contour above sea level. Shown on part of one sheet of 1929–30 survey of upper Savannah River Basin.

(b) Turkey Creek from mouth to point about 1 mile upstream from junction with Sleepy Creek, about 22 miles (2JH). Plan by Corps of Engineers, United States Army, and United States Geological Survey, 1930. Scale, 1:24,000. Contour interval, 20 feet on land, 5 feet on river surface. Topography detailed to 320-foot contour above sea level. Shown on part of one sheet of 1929–30 survey of upper Savannah River Basin.

CATAWBA RIVER. See North Carolina (p. 77).

For areas in South Carolina covered by United States Geological Survey standard topographic maps see plate 1.

SOUTH DAKOTA

NELSON RIVER and LAKE WINNIPEG, Canada.

(a) Red River from international boundary to Lake Traverse, 455 miles (5O, 5P). Plan and profile by Bureau of Public Roads, United States Department of Agriculture. Scale of plan 1:53,000; profile, 1 inch=10 miles. No topography, but many elevations are given on plan. Published in Report on drainage and prevention of overflow in the valley of the Red River of the North, United States Department of Agriculture Bulletin 1017, 1922.

MISSISSIPPI RIVER BASIN (6).

(a) Missouri River from Iowa line at Sioux City to Montana-North Dakota State line, 947 miles in North Dakota and South Dakota (6E, 6J, 6L). Surveyed for navigation; plan by Corps of Engineers, United States Army, 1892. Scale, 1:12,000. Contour interval, 20 feet. Topography varies. Complete survey includes Missouri River from mouth to Three Forks, Mont., 2,551 miles; scale, 1:63,360; no contours; topography indicated by hachures. Published in 84 sheets and 9 index sheets by Missouri River Commission, St. Louis, Mo.


For areas in South Dakota covered by United States Geological Survey standard topographic maps see plate 1.

TENNESSEE

MISSISSIPPI RIVER BASIN (3).

(a) Missouri River from Gavins Point near Yankton, South Dakota, to Stanton, North Dakota (6LN, 6LH, 6LC, 6LA, 6JW, 6JS, 6JO, 6JL). Plan by Army Map Service, Corps of Engineers, War Department, using stereophotogrammetric plotting and plane-table methods with vertical control by United States Geological Survey and United States Coast and Geodetic Survey. Aerial photography flown, 1945; map compiled, 1947. Scale, 1:12,000, also reproduced on a scale of 1:24,000. Contour interval, 10 feet. Topography detailed, showing wide adjacent area and closing contours on tributaries.

(a) Ohio River (3).

(b) Cumberland River (3S).
TEXAS

(c) Harpeth River, 1¾ miles below Belleview (3SD), showing also proposed tunnel location to Cumberland River. Plan and profile. Scale, 1:10,560. Contour interval, 10 feet. Topography to 70 feet at dam site. Published in Tennessee Geological Survey Bulletin 30, 1923.

(b) Tennessee River. For report by Chief of Engineers, United States Army, on the Tennessee River and tributaries in North Carolina, Tennessee, Alabama, and Kentucky covering navigation, flood control, power development, and irrigation, see Seventy-first Congress, second session, House Document 328.


(c) Holston River (3TC).


(e) Doe River from mouth to Shell Creek, 21 miles (3TC). Plan and profile, 1911. Scale, 1:12,000. Contour interval, 5, 10, and 25 feet. Topography to 75 feet. Not published.

(e) Clinch River (3UH).

(d) Emery River (3UH).


(c) Hiwassee River. See Georgia (p. 34).


(c) Duck River (3WF).

(d) Buffalo River from Little Opossum Creek to Standing Rock Creek, 41 miles (3WF). Plan and profile, 1903. Scale, 1:23,760. Contour interval, 10 feet. Topography to 10–70 feet. Two sheets (one plan, one profile). Profile published in Water-Supply Paper 115.

(d) Buffalo River from point ¾ mile below Little Opossum Creek, near Flatwoods, upstream 2 miles (3WF), showing also proposed tunnel location. Plan. Scale, 1:37,270. Contour interval, 20 feet. Topography to 60 feet. Published in Tennessee Geological Survey Bulletin 30, 1923.

For areas in Tennessee covered by United States Geological Survey standard topographic maps see plate 1.

TEXAS

Maps of rivers in Texas are almost entirely maps of the reservoir sites. Most of the surveys have been made by the United States Geological Survey in cooperation with the Board of Water Engineers of Texas.
INDEX TO RIVER SURVEYS


(a) West Fork Trinity River from point about 5 miles above Newark, upstream 20 miles (8N), Fort Worth reservoir site No. 2. Plan, 1924. Scale, 1:48,000. Contour interval, 10 and 20 feet. Topography to 130 feet at dam site. Published in one sheet. Out of stock.

(a) Clear Fork Trinity River extending from Brooklyn Heights upstream 20 miles (8N), Fort Worth reservoir site. Plan, 1924. Scale, 1:24,000. Contour interval, 10 feet. Topography to 60 feet at dam site. Dam-site scale, 1:2,400; contour interval, 5 feet. Published in two sheets (one plan, one dam site). Out of stock.

Brazos River extending from latitude 32°22'30", longitude 97°38', upstream 50 miles (8M), Cordova Bend reservoir site. Plan, 1923-24. Scale, 1:24,000. Contour interval, 5 and 10 feet. Topography to 70 feet at dam site. Published in one sheet. Out of stock.

Brazos River extending from latitude 32°15', longitude 97°42'30", upstream 35 miles (8M), Rainbow reservoir site. Plan, 1924. Scale, 1:24,000. Contour interval, 10 feet. Topography to 60 feet at dam site. Published in one sheet. Out of stock.

Brazos River from Rocky Creek to Nolan River, 30 miles (8M), Whitney reservoir site. Plan, 1923-24. Scale, 1:24,000. Contour interval, 5 and 10 feet. Topography to 30-60 feet. Published in one sheet. Out of stock.


(a) Clear Fork Brazos River, from point about 4 miles below mouth of Ranger Creek, upstream about 7 miles (8MB), Breckinridge reservoir site. Plan, 1923. Scale, 1:24,000. Contour interval, 5 feet. Topography to 30-50 feet. Dam-site scale, 1:2,400; contour interval, 5 feet. Published in one sheet. Out of stock.

(b) Paint Creek, 13 miles (8MB), Breckinridge reservoir site. Plan, 1923. Scale, 1:24,000. Contour interval, 5 feet. Topography to 5-100 feet. Shown on 1923 survey of Brazos River. Out of stock.

(a) Bosque River (8MC).


(b) South Fork Bosque River at Waco reservoir site, from mouth upstream 15 miles (8MC). Plan, 1924. Scale, 1:24,000. Contour interval, 10 feet. Topography to 10-120 feet. Shown on map of Waco reservoir site. Out of stock.

(a) Little River (8MD).

(b) Leon River from point about 5 miles below mouth of Cowhouse Creek, latitude 31°6', longitude 97°27', upstream 40 miles (8MD), reservoir site. Plan, 1923-24. Scale, 1:24,000. Contour interval, 10 and 20 feet. Topography to 150 feet at dam site. Mileage is that of valley; does not follow windings or river. Published in one sheet. Out of stock.
(b) Leon River near Belton, 15 miles (SMD), Belton reservoir site, showing short section of Lampasas River and Salado Creek. Plan, 1923-24. Scale, 1:24,000. Contour interval, 10 and 20 feet. Topography detailed. Published in one sheet. Out of stock.


(b) Lampasas River, 30 miles (SMD), reservoir site. Plan, 1924. Scale, 1:24,000. Contour interval, 10 and 20 feet. Topography to 150 feet at dam site. Published in one sheet. Out of stock.


COLORADO RIVER from point near mouth of Doublebarrel Creek, latitude 31°51', longitude 100°21', upstream 20 miles (8L), Bronte reservoir site. Plan, 1921. Scale, 1:24,000. Contour interval, 5 feet. Topography to 100 feet at dam site. Dam-site scale, 1:1,200; contour interval, 5 feet. Published in two sheets (one plan, one dam site). Out of stock.

(a) Concho River (8LB).


(c) Spring Creek, 10 miles (8LB), San Angelo reservoir site. Plan, 1923-24. Scale, 1:24,000. Contour interval, 5 feet. Topography detailed. Shown on part of one sheet. Out of stock.


(a) Pecan Bayou from point just below mouth of Jim Ned Creek upstream 15 miles (8LC), Brownwood reservoir site. Plan, 1924. Scale, 1:48,000. Contour interval, 10 and 20 feet. Topography detailed. Out of stock.

(b) Jim Ned Creek at Brownwood reservoir site, from mouth upstream 20 miles (8LC). Plan, 1924. Scale, 1:48,000. Contour interval, 10 and 20 feet. Topography detailed. Out of stock.

(a) San Saba River, from point 1½ miles below mouth of Brady Creek, latitude 31°7'30", longitude 98°57', upstream 10 miles (8LC), reservoir and dam site. Plan, 1920. Scale, 1:12,000. Contour interval, 5 feet. Topography to 100 feet at dam site. Dam-site scale, 1:1,200; contour interval, 2 feet. Published in one sheet. Out of stock.


(b) Brady Creek from mouth upstream 5 miles (8LC), San Saba River reservoir site. Plan and profile, 1920. Scale, 1:12,000. Contour interval, 5 feet. Topography to 5-90 feet. Shown on 1920 survey of San Saba River. Out of stock.

NUECES RIVER, latitude 28°25', longitude 99°17', upstream 30 miles (8KB), Cotulla reservoir site. Scale, 1:48,000. Contour interval, 10 feet. Topography detailed. Published in one sheet. Out of stock.

MISSISSIPPI RIVER BASIN (7).

(b) Bois d'Arc Creek from Red River to Freemans Bridge, latitude 33°29', longitude 96°12' (7LA). Plan, 1914–15. Scale, 1:12,000. Contour interval, 2 feet. Topography detailed. Published in seven sheets by Reclamation Department, State of Texas.

(c) Bois d'Arc Creek from Freemans Bridge upstream to longitude 96°16' W. (7LA). Plan by Reclamation Department, State of Texas. Date of survey not shown. Scale, 1:12,000. Contour interval, 2 feet. Topography detailed. One sheet. Not published.

(d) Sulphur River from point about 2 miles below mouth of Cuthand Creek, longitude 94°52', to junction of North Fork and South Fork near boundary of Hopkins County and Franklin County (7MC). Plan by Reclamation Department, State of Texas, 1917. Scale, 1:12,000. Contour interval, 2 feet. Topography detailed. Seven sheets. Not published.


(f) Cuthand Creek from mouth upstream to longitude 95°3' (7MC). Plan by Reclamation Department, State of Texas, 1922. Scale, 1:12,000. Contour interval, 2 feet. Topography detailed. Three sheets. Not published.

For areas in Texas covered by United States Geological Survey standard topographic maps see plate 1.

UTAH

GREAT SALT LAKE BASIN (10H).

(a) Jordan River (10HH).

(b) Utah Lake Basin (10HF).


(f) Spanish Fork (10HF).


(b) Little Cottonwood Creek from sec. 34, T. 2 S., R. 1 E., to Alta, 8,700-foot contour, 2 miles (10HH). Plan and profile, 1920. Scale, 1:31,680. Contour interval, 25 feet. Topography to 500-1,000 feet. Published in two sheets (one plan, one profile), in 1922.


Contour interval, 25 feet. Topography to 25–200 feet. Published in two sheets (one plane, one profile), 1920 survey of Weber River.

(b) Ogden River from east line of sec. 12, T. 6 N., R. 2 E., to sec. 33, T. 7 N., R. 3 E., 3 miles (10HE), Maple and Cobble Creek reservoir sites. Plan by City Engineering Department of Ogden, 1908. Scale, 1:18,000. Contour interval, 20 feet. Topography to 160 feet. Published in Water-Supply Paper 517.

(c) Righthand Fork in sec. 34, 35, 36, T. 7 N., R. 3 E., and sec. 1, 2, 3, T. 6 N., R. 3 E., 1½ miles (10HE), reservoir site. Plan by City Engineering Department of Ogden, 1908. Scale, 1:18,000. Contour interval, 20 feet. Topography to 180 feet at dam site. Published in Water-Supply Paper 517.


(a) Bear River, Utah and Wyoming, from point 6 miles north of Cokeville, Wyo., to junction of Stillwater Fork, Utah; total channel length 178 miles, of which mile 0 to mile 41, and mile 101 to mile 168, is in Wyoming, the remaining 70 miles in Utah, (10HB), showing dam sites. Surveyed, 1934–38. Scale, 1:31,680. Contour interval, 10 and 20 feet on land, 5 feet on water. Wide area of adjacent topography. Published in 13 sheets, 10 plan, 3 showing large-scale surveys of dam sites, 1941.

(b) Stillwater Fork to mile 7 (10HB). Shown on 1934–38 survey of Bear River.

Stillwater dam site, at mile 3.4 in sec. 10, T. 1 N., R. 10 E. Scale, 1:4,800. Contour interval, 10 feet. Topography to 250 feet.

(b) East Fork Bear River to mile 10 (10HB). Shown on 1934–38 survey of Bear River.

East Fork dam site, at mile 4.0 in sec. 26, T. 2 N., R. 10 E. Scale, 1:4,800. Contour interval, 10 feet. Topography to 270 feet.

(b) Yellow Creek, Utah and Wyoming, from mouth to mile 24 (10HB), of which approximately 5 miles (mile 13 to mile 18) is in Utah. Shown on 1934–38 survey of Bear River.

Yellow Creek dam site, at mile 16.9 in sec. 32, 33, T. 5 N., R. 8 E., Utah. Scale, 1:4,800. Contour interval, 10 feet. Topography to 300 feet.

(b) Saleratus Creek to mile 14 (10HB). Shown on 1934–38 survey of Bear River.


SEVIER LAKE BASIN (10J).

(a) Sevier River from Piute dam, sec. 3, T. 29 S., R. 3 W., upstream to sec. 23, T. 38 S., R. 6 W., 31 miles (10JA, 10JC), including East Fork. Plan, 1935–37. Scale, 1:31,680 for most of course: 1:24,000 for lower course showing Piute Reservoir area. Contour interval, 10 and 20 feet on land, 5 feet on water. Wide area of adjacent topography. Published in seven sheets, 1939.

(b) Asay Creek to mile 9 (10JA). Scale, 1:31,680. Shown on one sheet of 1935–37 survey of Sevier River.

(b) East Fork Sevier River from mouth to Podunk Creek, 91 miles (10JB). Scale, 1:31,680. Contour interval, 10 and 20 feet on land, 5 and 20 feet on water. Shown on 1935–37 survey of Sevier River.
(c) Otter Creek from junction with East Fork Sevier River to sec. 25, T. 29 S., R. 2 W., 7 miles (10JB), showing Otter Creek reservoir. Scale, 1:24,000. Contour interval, 10 feet on land, 5 feet on water. Shown on one sheet, 1935-37 survey of Sevier River.

(b) San Pitch River (10JD).

(c) Cottonwood Creek from mouth to sec. 24, T. 13 S., R. 5 E., 8 miles (10JD). Plan and profile, 1933. Scale, 1:31,680. Contour interval, 20 feet. Topography detailed. Published, with map of Pleasant Creek, in two sheets (one plan, one profile), 1937.

(c) Pleasant Creek from mouth to sec. 10, T. 15 S., R. 5 E., 9 miles (10JD), showing also parts of Coal Fork, Straight Fork, and North Fork. Plan and profile, 1933. Scale, 1:31,680. Contour interval, 20 feet. Topography detailed. Published, with map of Cottonwood Creek, in two sheets (one plan, one profile), 1937.


(c) Manti Creek from mouth to sec. 4, T. 18 S., R. 4 E., 9 miles (10JD), including North Fork. Plan and profile, 1934. Scale, 1:31,680. Contour interval, 20 feet. Topography detailed. Published in one sheet, 1937.

COLORADO RIVER from canyon below Moab, Utah to Mack, Colo., 69 miles in Utah and 16 in Colo. (9DN). This includes the Dewey reservoir site. Plan and profile by United States Geological Survey and Bureau of Reclamation in 1941, and 1943-45. Scale, 1:24,000. Contour interval, 20 feet on land, 5 feet on water. Topography to 300 feet. Published in 11 sheets (11 plan, 3 profile), 1948.

COLORADO RIVER just below mouth of Dolores River (9DM) Dewey dam site. Plan and four cross sections by United States Bureau of Reclamation. Scale, 1:13,333 (0.9 inch=1,000 feet). Contour interval, 25 feet. Published in Senate report, Problems of Imperial Valley and Vicinity, Sixty-seventh Congress, second session, Senate Document 142.


COLORADO RIVER from Lees Ferry, Ariz., to mouth of Green River, 188 miles in Utah, 28 miles in Arizona (9FA, 9FC, 9FE). Plan and profile by United States Geological Survey in cooperation with Southern California Edison Co., 1921. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography to 400-800 feet. Published in 16 sheets (12 plan, 4 profile) by United States Geological Survey. Complete survey includes plans of the following streams:

(a) Fremont River from mouth to 3,900-foot contour, 30 miles (9FB).
(a) Trachyte Creek from mouth to 3,900-foot contour, 6 miles (9FC).
(a) Twomile Creek from mouth to 3,900-foot contour, 2 miles (9FC).
(a) Fourmile Creek from mouth to 3,900-foot contour, 3 miles (9FC).
(a) Sevenmile Creek from mouth to 3,900-foot contour, 3 miles (9FC).
(a) Smith Fork from mouth to 3,900-foot contour, 4 miles (9FC).
(a) Hansen Creek from mouth to 3,900-foot contour, 8 miles (9FC).
(a) Moki Creek from mouth to 3,900-foot contour, 8 miles (9FC).
(a) Bullfrog Creek from mouth to 3,900-foot contour, 18 miles (9FC).
(a) Halls Creek from mouth to 3,900-foot contour, 15 miles (9FC).
(a) Escalante River from mouth to 3,900-foot contour, 30 miles (9FD).
(a) Aztec Creek from mouth to 3,900-foot contour, 6 miles (9FE).
(a) Rock Creek from mouth to 3,900-foot contour, 9 miles (9FE).
(a) West Canyon Creek from mouth to 3,900-foot contour, 8 miles (9FE).
(a) Last Chance Creek from mouth to 3,900-foot contour, 15 miles (9FE).
(a) Kane Creek from mouth to 3,900-foot contour, 4 miles (9FE).
(a) Warm Creek from mouth near southeast corner of sec. 1, T. 44 S., R. 4 E., to 3,900-foot contour, 16 miles (9FE).
(a) Wahweap Creek from mouth in Arizona to sec. 11, T. 43 S., R. 2 E., 15 miles (9FE).
(a) Dolores River from mouth to Utah-Colorado State line, 22 miles (9DK), Plan and profile, 1924. Scale, 1:31,680. Contour interval, 50 feet. Topography to 350-800 feet. Part of plan and profile of river from mouth in Utah to Paradox Valley in Colorado. Two sheets. Not published.
(a) Dolores River from mouth to point near Colorado-Utah State line, 22 miles (9DK), showing area within Dewey reservoir site. Plan and profile by United States Geological Survey and United States Bureau of Reclamation, 1941-45. Scale, 1:24,000. Contour interval, 20 feet on land, 5 feet on water. Plan on sheets 4 and 10. profile on sheet 14, 1941-45 survey of Colorado River.
(a) Green River, Flaming Gorge dam site, about mile 313.5 above Green River, Utah, (9AK). Plan and two cross sections by United States Bureau of Reclamation. Scale, 1:3,430 (1.4 inches=100 feet), and 1:13,000 (1.06 inches=1,200 feet). Contour interval, 10 and 50 feet. Published in report, Problems of Imperial Valley and vicinity, by Sixty-seventh Congress, second session, Senate Document 142.

(b) Duchesne River.

Dam site A, just below mouth of Hades Creek, surveyed 1924. Scale, 1:3,168. Contour interval, 5 feet. Topography to 120 feet. Shown on part of one sheet, Duchesne River and tributaries 1925.


(c) Duchesne River. Dam site A, just below mouth of Hades Creek, surveyed 1924. Scale, 1:3,168. Contour interval, 5 feet. Topography to 120 feet. Shown on part of one sheet, Duchesne River and tributaries 1925.


(c) Strawberry River, T. 3, 4 S., R. 5, 6 W. (9BB), Starvation reservoir site. Plan by United States Bureau of Reclamation, 1920. Scale, 1:6,000. Contour interval, 10 feet. Topography to 150 feet. Not published.


interval, 100 feet. Topography to 20–600 feet. Shown on parts of two sheets, Duchesne River and tributaries 1925.


(d) Uinta River from mouth in sec. 17, T. 3 S., R. 1 E., to sec. 20, T. 1 S., R. 1 E., 22 miles (9BE). Plan and profile, 1913–14. Scale, 1 : 48,000. Contour interval, 100 feet on land, 20 feet on water. Topography to 20–100 feet. Shown on part of one sheet, Duchesne River and tributaries 1925.


(g) Mosby Creek from point near south line of sec. 6, T. 3 S., R. 19 E., upstream 2 miles (9BE). Plan and profile, 1923–24. Scale, 1 : 31,650 Contour interval, 20 feet. Topography detailed on west side; very little on east side. Shown on parts of two sheets, Duchesne River and tributaries 1925.

(h) Deep Creek (9BE).

(i) Huntington Creek from Huntington, sec. 19, T. 17 S., R. 9 E., to sec. 30, T. 14 S., R. 7 E., 27 miles (9BK), showing dam site. Plan and profile, 1933. Scale, 1 : 31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Published in three sheets (one plan, one profile, and one showing Brockbank dam site), 1937.

Brockbank dam site, at mile 5.5 in sec. 9, T. 17 S., R. 8 E. Scale, 1 : 2,400. Contour interval, 10 feet. Topography to 110 feet.


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(a) San Juan River from mouth to Chinle Creek, 133 miles (9GH). Plan and profile by United States Geological Survey in cooperation with Southern California Edison Company, 1921. Topography to 200-600 feet. Published in 5 sheets (3 plan, 2 profile), 1921 survey of Colorado River from Lees Ferry, Ariz., to mouth of Green River, by United States Geological Survey, 1922.

(b) Butler Wash from mouth upstream 3.5 miles (9GH). Shown on 1914 survey of San Juan River by United States Bureau of Reclamation. In preparation.

(b) Comb Wash from mouth upstream 6 miles (9GH). Shown on 1914 survey of San Juan River by United States Bureau of Reclamation. In preparation.

(b) Cottonwood Wash from mouth upstream 5 miles (9GH). Shown on 1914 survey of San Juan River by United States Bureau of Reclamation. In preparation.

(b) Piute Creek from mouth to 3,900-foot contour, 6 miles (9GH). Shown on 1921 survey of Colorado River from Lees Ferry, Ariz., to mouth of Green River, published by United States Geological Survey, 1922.


For area in Utah covered by United States Geological Survey standard topographic maps see plate 1.

VERMONT

ST. LAWRENCE RIVER BASIN (4P).

(a) Lake Champlain (4PG).

(b) Winooski River from Richmond to line between Cabot and Marshfield Townships, 51 miles (4PG). Plan by United States Geological Survey in cooperation with State of Vermont, 1910. Scale, 1:24,000. Contour interval, 10 feet on land, 1 foot on water. Topography to about 20 feet. Includes plans of the following ponds: Mollys Pond, Cabot Township (4PG); Nelson Pond, Woodbury and Calais Townships (4PG); Niggerhead Pond, Marshfield Township (4PG); Peacham Pond, Peacham Township (4PG); Wheelock Pond, Calais Township (4PG). Contour interval, 5 and 10 feet. Topography to 10 feet. Published in Water-Supply Paper 424.

(c) Mad River from mouth to Mill Brook, 1 mile from Waitsfield, 15 miles (4PG). Plan by United States Geological Survey in cooperation with State of Vermont, 1910. Scale, 1:24,000. Contour interval 10 feet on land, 1 foot on water. Published in Water-Supply Paper 424.


(c) Huntington River from mouth to Richmond electric-light plant, 2 miles (4PG). Plan by United States Geological Survey in cooperation with State of Vermont, 1910. Scale, 1:24,000. Contour interval, 10 feet on land, 1 foot on water. Topography to 10-50 feet. Published in Water-Supply Paper 424.

CONNECTICUT RIVER (1G).

(a) Passumpsic River from mouth to Center Pond, Vt., 38 miles (1GC), and tributaries. Plan and profile, 1928. Scale, 1:24,000. Contour interval, 10 feet. Topography detailed. Published in three sheets (two plan, one profile), 1929.

(b) West Branch of Passumpsic River from mouth to West Burke, 8 miles (1GC). Plan and profile, 1928. Scale, 1:24,000. Contour interval, 10 feet. Topography detailed. Shown on parts of two sheets in set of four, 1928 survey of Passumpsic River and tributaries.
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(c) Calendar Brook from mouth upstream 2½ miles (1GC). Plan and profile, 1928. Scale, 1:24,000. Contour interval, 10 feet. Topography detailed. Shown on parts of two sheets in set of four, 1928 survey of Passumpsic River and tributaries.

(b) Millers Run from mouth to Sheffield, 10 miles (1GC). Plan and profile, 1928. Scale, 1:24,000. Contour interval, 10 feet. Topography detailed. Shown on parts of two sheets in set of four, 1928 survey of Passumpsic River and tributaries.

(b) Moose River from mouth to Victory, 17 miles (1GC). Plan and profile, 1928. Scale, 1:24,000. Contour interval, 10 feet. Topography detailed. Shown on parts of two sheets in set of four, 1928 survey of Passumpsic River and tributaries.

(b) Kirby Brook from mouth upstream 2 miles (1GC). Plan and profile, 1928. Scale, 1:24,000. Contour interval, 10 feet. Topography detailed. Shown on parts of two sheets in set of four, 1928 survey of Passumpsic River and tributaries.

(b) Sleepers River from mouth upstream 5 miles (1GC). Plan and profile, 1928. Scale, 1:24,000. Contour interval, 10 feet. Topography detailed. Shown on parts of two sheets in set of four, 1928 survey of Passumpsic River and tributaries.

(a) White River from point 3 miles above West Hartford to Royalton town line, 6 miles (1GS), including First Branch from South Tunbridge to Chelsea. Plan and profile, 1928. Scale, 1:24,000. Contour interval, 10 feet. Topography detailed. Published in one sheet.

(b) First Branch from South Tunbridge to Chelsea, 12 miles (1GS). Plan and profile, 1928. Scale 1:24,000. Contour interval, 10 feet. Topography detailed. Shown on one sheet, 1928 survey of White River.

For areas in Vermont covered by United States Geological Survey standard topographic maps see plate 1.

VIRGINIA

POTOMAC RIVER from Great Falls upstream to Lock No. 10, 6 miles (1TC). Plan, 1910. Scale, 1:12,000. Contour intervals, 25 feet on land, 5 feet on water. Topography to 125 feet. Published in one sheet. Out of stock.

POTOMAC RIVER from Chain Bridge to Great Falls, 10 miles (1TC), showing area affected by proposed dam at Chain Bridge. Plan by Corps of Engineers, United States Army, 1920. Scale, 1:27,250. Contour interval, 10 feet. Topography to 100–150 feet. Published in report, Development of Great Falls for water power, by Sixty-sixth Congress, third session, in Senate Document 403.

Great Falls dam site. Scale, 1:10,800. Contour interval, 5 feet.

POTOMAC RIVER from Aqueduct Bridge to Cumberland, Md., 186 miles (1SB, 1SD, 1SE, 1SF, 1TA, 1TB, 1TC). Profile. Scale, 1 inch=4 miles. Published in Water-Supply Paper 192.

POTOMAC RIVER from Aqueduct Bridge to Harpers Ferry, 59 miles (1TA, 1TB, 1TC). Profile by Corps of Engineers, United States Army. Scale, 1 inch=4 miles. Published in report, Development of Great Falls for water power, by Sixty-sixth Congress, third session, in Senate Document 403.

Dam site, just above mouth of South Branch. Scale, 1:6,600. Contour interval, 5 feet. Topography to 150 feet.

(a) South Fork Shenandoah River (head of Shenandoah River) from Port Republic to Riverton, 101 miles (1SH). Plan and profile, 1899. Scale, 1:63,360.


Two dam sites. Lower one 1½ miles below Bloomery, W. Va. Scale, 1:6,600; contour interval, 5 feet; topography to 125 feet.

(b) North Fork Shenandoah River, reservoir site. Plan traced from United States Geological Survey topographic maps. Published in report, Development of Great Falls for water power, by Sixty-sixth Congress, third session, in Senate Documents 403.


For areas in Virginia covered by United States Geological Survey standard topographic maps see plate 1.

Washington


Columbia River from Foster Creek to Swakane Creek (12FE, 12FJ). Plan 1944 and 1945. Scale, 1:24,000. Contour interval, 10 and 20 feet on land, 5 feet on water. Topography to 800 feet above sea level. Published in 11 sheets (9 plan, 2 profile), 1948.
The following dam sites are surveyed on a scale of \( 1 : 4,800 \); contour interval, 10 feet. Topography to 800 feet above sea level.

Chelan dam site at mile 504.

Rocky Reach dam site at mile 476.

Swakane Creek dam site at mile 475.

**Columbia River** from Wenatchee to mouth of Snake River (12FM). Plan by Corps of Engineers, United States Army, 1909–10. Scale, 1:12,000. Contour interval, 10 feet. Topography 0 to 100 feet. Topography evidently sketched. Twenty-one sheets. Not published.


**Columbia River** from Rock Island dam to Priest Rapids (12FM). Plan and profile, 1944–45. Scale, 1:24,000. Contour interval, 10 feet. Topography to 550 feet above sea level. Published in 11 sheets (9 plan, 2 profile), 1948.


**Columbia River** from Hood River to Quinton, Oreg., 43\( \frac{1}{2} \) miles (12MA, 12MG). Plan and profile, 1929. Scale, 1:31,680. Contour interval 10 feet on land, 5 feet on water. Topography to 50 feet. Three sheets (2 plan, 1 profile). Not published.

**Columbia River** from Vancouver to Stella, 50 miles (12NH). Plan, 1929 and 1930. Scale, 1:24,000. Contour interval, 2, 5, 10, and 25 feet. Topography detailed, showing wide adjacent area. Published in three sheets, 1938.

**Columbia River** has been surveyed from mouth to international boundary by the Corps of Engineers, United States Army. Inquiries should be addressed to the district office, Corps of Engineers, United States Army, Portland, Oreg.

(a) **Pend Oreille River** (formerly Clark Fork) from international boundary, Washington, to Albany Falls, Idaho, 75 miles (12DN, 12DM). Plan and profile, 1934. Scale, 1:31,680. Contour interval, 20 feet on land, 1 foot and 5 feet on water. Topography detailed. Published in five sheets (three plan, two profile), 1938.


(a) **Sheep Creek** from mouth to international boundary, sec. 2, T. 40 N., R. 38 E., 14 miles (12EA), and dam sites. Plan and profile, 1934. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Dam-site scale, 1:4,800; contour interval, 10 feet. Published in two sheets (one plan, showing also dam sites, one profile), 1936.

Dam site No. 1, at mile 3.9 in sec. 14, T. 40 N., R. 39 E. Topography to 120 feet.

Dam site No. 2, at mile 8.3 in sec. 19, T. 40 N., R. 39 E. Topography to 110 feet.

(a) **Hall Creek** from mouth upstream to sec. 2, T. 32 N., R. 36 E., 4 miles (12FD). Plan and profile, 1929. Scale, 1:31,680. Contour interval, 20 feet. Topography detailed. Published in one sheet, showing also two dam sites on San Poil River, 1930.

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interval, 25 feet on land, 5 feet on water. Topography to 50–200 feet. Published in Water-Supply Paper 377.

(a) Spokane River from Spokane, Washington, to Post Falls, Idaho. 29 1/2 miles (12EJ). Plan and profile by United States Geological Survey in cooperation with Washington State, 1938. Scale, 1:12,000. Contour interval 5 feet on land, 1 foot on water. Topography to 200 feet. Published in four sheets (three plan and one profile), 1943.


Iron Creek dam site, in sec. 30, T. 31 N., R. 32 E. Topography to 200 feet.

Devils Elbow dam site, in sec. 18, T. 32 N., R. 33 E. Topography to 200 feet.


(a) Okanogan River, mouth upstream 3 miles (12FD). Scale, 1:24,000, contour interval, 10 feet. Published with map of Columbia River.

(a) Okanogan River and Osoyoos Lake, from mouth of Similkameen River to international boundary (12FD). Plan by United States Geological Survey in cooperation with Washington State, 1940. Scale, 1:4,800. Contour interval, 2 feet and 10 feet. Topography of river and immediately adjacent areas from mouth of lake to Similkameen River. Topography to 980 feet above sea level around Osoyoos Lake. Published in four plan sheets, 1947.

(b) Similkameen River from mouth to international boundary, 24 miles (12FD), showing dam sites. Plan and profile, 1934. Scale, 1:31,680. Contour interval, 10 feet on land, 5 feet on water. Topography detailed. Dam-site scale, 1:4,800. Contour interval, 10 feet. Published in two sheets (one plan, one profile, showing also dam sites), 1938.

Shankers Bend dam site, at mile 7 in sec. 12, T. 40 N., R. 26 E. Topography to 220 feet.

Dam site at mile 14.4 in sec. 13, T. 40 N., R. 25 E. Topography to 50 feet.

Dam site at mile 15.8 in sec. 26, T. 40 N., R. 25 E. Topography to 50 feet.


(a) Methow River mouth upstream 3 miles (12FG). Scale, 1:24,000. Contour interval, 20 feet. Topography to 800 feet above sea level. To be published with 1945 survey of Columbia River from Swakane Creek to Foster Creek.

(b) Chewack Creek from junction with Methow River in sec. 2, T. 34 N., R. 21 E., to Dog Creek, 31 miles (12FF). Plan and profile, 1934. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography, detailed. Published in two sheets (one plan, one profile), 1937.

(c) Lake Creek from mouth in sec. 35, T. 35 N., R. 21 E., to sec. 36, T. 35 N., R. 21 E., 1 mile (12FF). Plan and profile, 1912. Scale, 1:31,680. Contour interval, 10 feet. Topography to about 100 feet. Published in Water-Supply Paper 376.


(b) Bridge Creek from mouth upstream 1 mile (12FH). Plan and profile, 1912. Scale, 1:31,680. Contour interval, 25 feet on land, 5 feet on water. Topography to 200 feet. Published in Water-Supply Paper 376.


(b) Railroad Creek from mouth upstream 4 miles (12FH). Plan and profile, 1912. Scale, 1:31,680. Contour interval, 25 and 100 feet on land, 25 feet on water. Topography to about 150 feet. Published in Water-Supply Paper 376.

(c) Domke Creek and Domke Lake from mouth to upper end of lake, 3 miles (12FH). Plan and profile, 1912. Scale 1:31,680. Contour interval 5, 10, 25 feet. Topography to about 150 feet. Published in Water-Supply Paper 376.

(a) Entiat River from mouth upstream 3 miles (12FK). Scale, 1:24,000. Contour interval, 20 feet. Published with 1945 survey of Columbia River.


(b) White River from mouth in sec. 14, T. 27 N., R. 16 E., to Indian Creek, 20 miles (12FL). Plan and profile, 1911. Scale, 1:31,680. Contour interval, 10 feet for 15 1/2 miles above mouth, 25 feet on land and 5 feet on water for remaining distance. Topography to about 100 feet. Published in Water-Supply Papers 368 and 486.

(c) North Fork White River from mouth upstream 1 mile (12FL). Plan and profile, 1911. Scale, 1:31,680. Contour interval, 10 feet. Topography to 100 feet. Published in Water-Supply Papers 368 and 486.

(b) Nason Creek from mouth in sec. 28, T. 27 N., R. 17 E., to sec. 8, T. 26 N., R. 17 E., 6 miles (12FL). Plan and profile, 1911. Scale, 1:31,680. Contour interval, 10 feet. Topography to 50 feet. Published in Water-Supply Papers 368 and 486.

(b) Chiwawa Creek from mouth in sec. 1, T. 26 N., R. 17 E., to point 4 miles above Rock Creek, 27 miles (12FL). Plan and profile, 1911-12. Scale, 1:31,680. Contour interval, 10 feet. Topography to 100 feet. Published in Water-Supply Papers 368 and 486.

(b) Icicle Creek from mouth in sec. 12, T. 24 N., R. 17 E., to point above Jack Creek, 19 miles (12FL). Plan and profile, 1912. Scale, 1:31,680. Contour interval, 25 feet on land, 5 feet on water. Topography to 25-150 feet. Published in Water-Supply Papers 368 and 486.

(a) Keechelus Lake, 4 miles (12FN). Map by United States Geological Survey, 1913, based on previous survey by United States Bureau of Reclamation. Scale, 1:24,000. Contour interval, 10 feet. Topography to 70 feet. Published in Water-Supply Paper 393.
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(b) Kachess Lake, 10 miles (12FN), includes also Little Kachess Lake and area in vicinity of outlet of lake. Map by United States Geological Survey, 1915, based on previous survey by United States Bureau of Reclamation. Scale, 1: 24,000. Contour interval, 10 feet. Topography to 30 feet. Published in Water-Supply Paper 369.


(b) Ole Elum Lake, 4 miles (12FN). Map by United States Geological Survey, 1915, based on previous survey by United States Bureau of Reclamation. Scale, 1: 24,000. Contour interval, 10 feet. Topography to about 100 feet. Published in Water-Supply Paper 369.


(c) Bumping River from mouth to Bumping Lake, 16 miles (12FN). Plan and profile, 1910. Scale, 1: 31,680. Contour interval, 25 feet on land, 5 feet on water. Topography to about 100 feet. Published in Water-Supply Paper 369.


(c) Tieton River, McAllister Meadows reservoir site (12FO). Map compiled by United States Geological Survey from previous surveys by United States Bureau of Reclamation, 1915. Published in Water-Supply Paper 369. Dam site, in sec. 31, T. 14 N., R. 14 E. Scale, 1: 24,000. Contour interval, 10 feet. Topography to 100 feet at dam site.


(a) Walla Walla River (12MB). See Oregon (p. 88).

(b) Touchet River (12MB).

(c) East Fork Touchet River from confluence with South Fork at Dayton to mile 10 (12MB), and dam site. Plan and profile by the United States Geological Survey in cooperation with Washington State, 1941. Scale, 1:24,000. Contour interval, 20 feet. Topography to 150-200 feet. Published in three sheets (two plans, one of which shows dam site, one profile), 1946.

Wolf Creek dam site at Mile 4.1 in sec. 11, T. 9 N., R. 39 E. Scale, 1:4,800. Contour interval, 5 feet on land, 1 foot on water. Topography to 200 feet.


(b) Big Muddy Creek from mouth in sec. 11, T. 6 N., R. 12 E., 1 mile (12ML). Plan, 1909. Scale, 1:24,000. Contour interval, 50 feet. Topography to about 300 feet. Published in Water-Supply Paper 253.


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(a) Salmon Creek, Wash., from a point in sec. 4, T. 3 N., R. 3 E., to a point in sec. 10, T. 3 N., R. 3 E. (12NJ), and dam site. Plan by the United States Geological Survey in cooperation with Washington State, 1943. Scale, 1:24,000. Contour interval, 20 feet. Topography to 540 feet above sea level. Published in one sheet, 1947.

Dam site in sec. 4, T. 3 N., R. 3 E. Scale, 1:4,800 Contour interval 10 feet. Topography to 550 feet above sea level. Shown on 1943 survey of Salmon Creek.


(a) Lewis River from mouth to mile 87 (12NJ), and dam sites. Surveyed by United States Geological Survey in cooperation with Inland Power and Light Company, 1928 and 1935. Scale, 1:31,680. Contour interval, 10 and 20 feet on land, 5 feet on water. Topography detailed. Dam-site scale, 1:4,500, contour interval 10 feet, except as noted. Published in 10 sheets (4 plan, 4 profile, 2 dam sites) by United States Geological Survey, 1938.

Yale dam site at mile 35.5, in sec. 32, T. 6 N., R. 4 E. Topography to 350 feet.

Cougar dam site at mile 45.8, in sec. 25, T. 7 N., R. 4 E. Topography to 200 feet.

Devils Backbone dam site, at mile 49.8 in sec. 27, 28, T. 7 N., R. 5 E. Topography to 460 feet.

Eagle Cliff dam site, at mile 61 in sec. 24, 25, T. 7 N., R. 6 E. Topography to 240 feet.

Cascade Gorge dam site, at mile 70.8 (unsurveyed area). Topography to 230 feet.

Quartz Creek dam site, at mile 76.4 (unsurveyed area). Contour interval 5 feet. Topography to 220 feet.

Island Camp dam site, at mile 82.2 (unsurveyed area). Topography to 300 feet.

(b) East Fork Lewis River from mouth to mile 21 in sec. 9, T. 4 N., R. 3 E. (12NJ), showing dam site. Shown on two sheets, 1928–35 survey of Lewis River. Eddy Rock dam site, at mile 1.3 in sec. 32, T. 5 N., R. 1 E. Scale, 1:4,800. Contour interval, 10 feet. Topography to 190 feet.


(b) Quartz Creek from mouth to mile 2 (12NJ). Shown on one sheet, 1928–35 survey of Lewis River.

(a) Cowlitz River from Kelso to sec. 25, T. 12 N., R. 6 E., 97 miles (12NK). Surveyed by United States Geological Survey and Corps of Engineers, United States Army, 1927, 1935, and 1936. From Kelso to sec. 32, T. 12 N., R. 1 E., river mapped by Corps of Engineers, 1927; scale, 1:31,680, enlarged to 1:24,000 for publication in one set with later surveys by United States Geological Survey. Contour interval, 10 and 20 feet on land, 5 feet on water. Topography detailed. Dam-site scale, 1:2,400, except as noted; contour interval, 50 feet, except as noted. Published in 12 sheets (7 plan, 1 of which shows dam sites, 5 profile sheets), 1943.

Mossy Rock dam site, in sec. 8, T. 12 N., R. 3 E. Topography to 340 feet.

Mayfield dam site, in sec. 20, 29, T. 12 N., R. 2 E. Topography to 200 feet.

Cowlitz Falls dam site, in sec. 6, T. 11 N., R. 6 E. Topography to 80 feet.

Shut-in clam site, in sec. 9, T. 12 N., R. 3 E. Scale, 1:4,800. Contour interval, 10 feet. Topography to 380 feet.


(b) Toutle River and tributaries from mouth to junction of North Fork and South Fork, 17 miles (12NK), showing also North Fork, South Fork, other tributaries, and dam site. Plan and profile by United States Geological Survey in cooperation with Corps of Engineers, United States Army, 1933—36. Topography detailed. Scale, 1:31,680. Contour interval, 10 and 20 feet on land, 5 feet on water. Published in five sheets (three plan, two profile) by the United States Geological Survey, 1939.

Silver Lake dam site, at mile 16.2 in sec. 19, T. 10 N., R. 1 E. Scale, 1:4,800. Contour interval, 10 feet. Topography to 200 feet.

(c) South Fork Toutle River from mouth to mile 5 (12NK). Shown on one sheet, 1933–36 survey of Toutle River and tributaries.

(c) North Fork Toutle River from mouth to and including Spirit Lake, 41 miles (12NK), showing dam sites. Scale of dam sites, 1:4,800; contour interval, 10 feet. Shown on 1933–36 survey of Toutle River.

Spirit Lake dam site, at mile 55.2 in sec. 15, T. 9 N., R. 5 E. Topography to 60 feet.

Green River dam site, at mile 27.8 in sec. 8, T. 10 N., R. 2 E. Topography to 200 feet.

(d) Green River to mile 6 (12NK). Shown on 1933–36 survey of Toutle River and tributaries.

(c) Outlet Creek from junction with Toutle River to Silver Lake, about 2 miles (12NK). Shown on one sheet, 1933–36 survey of Toutle River and tributaries.

(d) Silver Lake (12NK). Shown on one sheet, 1933–36 survey of Toutle River and tributaries.

CHEHALIS RIVER from Northern Pacific Railway bridge in sec. 7, T. 13 N., R. 3 W., to highway bridge in sec. 33, T. 13 N., R. 5 W., 20 miles (12OD). Surveyed by United States Geological Survey in cooperation with the State of Washington, 1940. Scale, 1:24,000. Contour interval, 10 feet on land, 5 feet on water. Topography detailed. Published in two sheets (one plan, one profile), 1942.

(a) South Fork Chehalis River from mouth in sec. 24, T. 13 N., R. 4 W., to point in sec. 12, T. 12 N., R. 4 W., 7 miles (12OD). Shown on 1940 survey of Chehalis River.

(a) Skookumchuck River from sec. 11, T. 15 N., R. 1 W., upstream to sec. 13, T. 15 N., R. 1 E., 9 miles (12OD), including also 4 miles on Johnson Creek and 3 miles on Thompson Creek. Surveyed by United States Geological Survey in cooperation with Washington State, 1939. Scale, 1:24,000. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Published on one sheet with North Fork Newaukum River, 1943.

Bloody Run dam site, on Skookumchuck River at junction with Bloody Run Creek. Scale, 1:4,800. Contour Interval, 10 feet. Topography to 250 feet.

(a) Newaukum River (12OD).


(a) Satsop River from mouth to forks, 6 miles (12OD), showing also East Fork and West Fork. Plan and profile, 1934. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Published in three sheets, 1937.

(b) West Fork Satsop River from mouth to Canyon Creek, sec. 22, T. 20 N., R. 7 W., 20 miles (12OD). Shown on 1934 survey of Satsop River.

(b) East Fork Satsop River from mouth to sec. 13, T. 20 N., R. 7 W., 19 miles (12OD). Shown on 1934 survey of Satsop River.

HUMPTULIPS RIVER from point 1 mile above Deep Creek, sec. 15, T. 19 N., R. 11 W., to forks in sec. 2, T. 20 N., R. 10 W., 17 miles (120C), showing tributaries and dam sites. Plan and profile, 1934. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Shown on two sheets (one plan, one profile) in set of five (two plan, two profile, one dam sites) covering Humptulips River and tributaries, 1937.

(a) East Fork Humptulips River from mouth to sec. 33, T. 22 N., R. 8 W., 19 miles (120C), showing dam sites. Dam-sites scale, 1:4,800; contour interval, 10 feet. Shown on three sheets (two plan, one profile), 1934 survey of Humptulips River.

Dam site A-B, at mile 32.7 in sec. 7, T. 21 N., R. 8 W. Topography to 90 feet.

Dam site C-D, at miles 29.5 in sec. 24, T. 21 N., R. 9 W. Topography to 80 feet.

Dam site E-F, at mile 25.0 in sec. 34, T. 21 N., R. 9 W., and sec. 4, T. 20 N., R. 9 W. Topography to 110 feet.

(a) West Fork Humptulips River from mouth to sec. 1, T. 22 N., R. 9 W., 24 miles (120C). Shown on three sheets (two plan, one profile), 1934 survey of Humptulips River.

Dam site G-H, at mile 18.8 in sec. 23, T. 22 N., R. 9 W. Scale, 1:4,800, contour interval, 10 feet. Topography to 140 feet.

QUINAULT RIVER from mouth to Rustler River, 54 miles (120B), showing dam sites. Reconnaissance survey, 1929. Scale, 1:31,680. Contour interval, 50 feet on land, 5 feet on water. Topography to 50-250 feet. Published in two sheets (one plan showing also dam site, one profile), 1930.


(a) East Fork Quinault River from sec. 26, T. 24 N., R. 8 W., upstream 15 miles (120B)). Plan and profile by United States Geological Survey in cooperation with State of Washington, 1934. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography to 100-200 feet. Published in five sheets (three plan, two profile), 1935.

Fisher Rapids dam site, at mile 5 in sec. 36, T. 24 N., R. 13 W. Scale, 1:4,800, Contour interval, 10 feet. Topography to 90 feet.

(a) Clearwater River from mouth to Megordens in sec. 20, T. 25 N., R. 11 W., 21 miles (120A), showing dam sites. Dam-site scale, 1:4,800; contour interval, 10 feet. Shown on two sheets, 1931-33 survey of Queets River.

Hunt Creek dam site, at mile 8 in sec. 6, T. 24 N., R. 12 W. Topography to 80 feet.

Elkhor Creek dam site, at mile 10 in sec. 32, T. 25 N., R. 12 W. Topography to 80 feet.

HUN RIVER from mouth to Glacier Creek, 51 miles (120A), showing other rivers, and dam sites. Plan and profile, 1928. Scale, 1:31,680. Contour interval, 50 feet on land, 5 feet on water. Topography to 100-200 feet. Shown on four sheets in set of five covering Quillayute, Bogachiel, and Hoh Rivers, 1929.
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Oxbow dam site, at mile 18.5 in sec. 27, 28, 33, 34, T. 27 N., R. 12 W. Scale, 1:4,800. Contour interval, 10 feet. Topography to 175 feet.

(a) Glacier Creek from mouth to Blue and White Glacier, about 5 miles (120A). Plan and profile, 1928. Scale, 1:31,680. Contour interval, 100 feet on land, 50 feet on water. Topography detailed. Shown on one sheet in set of five of 1928 survey of Hoh River.

(a) South Fork Hoh River from mouth to point 2 miles above boundary of Mount Olympus National Monument, 17 miles (120A). Plan and profile, 1928. Scale, 1:31,680. Contour interval, 50 feet on land, 5 feet on water. Topography to 100-200 feet. Shown on three sheets in set of five, 1928 survey of Hoh River.


(a) Soleduck River from mouth in sec. 20, T. 28 N., R. 14 W., to Seven Lakes Basin, T. 28 N., R. 8 W., 65 miles (120A), including Lyre River. Plan and profile, 1927. Scale, 1:31,680. Contour interval, 50 feet. Topography detailed. Published in seven sheets (four plan, three profile), 1930.


(b) Canyon Creek from mouth to Deer Lake, 2 miles (120A). Shown on 1927 survey of Soleduck River.

(c) Deer Lake Reservoir site (120A). Reconnaissance survey; plan, 1927. Dam site, in sec. 13, T. 28 N., R. 9 W. Scale, 1:6,000. Contour interval, 10 feet. Topography to 60 feet.

(a) Bogachiel River from mouth to North Fork, 35 miles (120A). Plan and profile, 1928. Scale, 1:31,680. Contour interval, 50 feet on land, 5 feet on water. Topography to 100-200 feet. Shown on two sheets in set of five of 1928 Survey of Hoh River. Published, 1929.

OZETTE RIVER. Dam site (120A), just below outlet of Ozette Lake. Plan and cross section, 1928. Published on one sheet in set of five, 1928 survey of Hoh River.


Contour interval, 20 feet. Topography detailed. Published in 1947 in one sheet showing plan and profile.


**Dosewallips River** from mouth to Deception Creek, 22 miles (12PM). Plan and profile, 1932. Scale, 1:31,680. Contour interval, 20 feet on land, 5 and 20 feet on water. Topography detailed. Published in two sheets (one plan, showing also dam site, one profile), 1938.

Rocky Brook dam site, about mile 3.2 in sec. 28, T. 26 N., R. 2 W. Scale, 1:4,800. Contour interval, 10 feet. Topography to 250 feet.


**Hamma Hamma River** from mouth to mile 14 (12PM), showing dam site. Plan and profile, 1932 and 1936. Scale, 1:31,680. Contour interval, 100 feet. Topography detailed. Published in two sheets (one plan, showing also dam site, one profile) in 1938.

Dam site, at mile 3.5 in sec. 16, T. 24 N., R. 3 W. Scale, 1:4,800. Contour interval, 10 feet. Topography to 110 feet.

(a) Jefferson Creek from Hamma Hamma River to Washington Creek, 3 miles (12PM). Plan and profile. Shown as part of 1932-36 survey of Hamma Hamma River.

(a) Lena Creek from Hamma Hamma River to East Fork, 2 miles (12PM). Plan and profile. Shown as part of 1932-36 survey of Hamma Hamma River.

**Skokomish River** from mouth to sec. 28, T. 28 N., R. 6 W., 33 miles (12PM), including South Fork. Plan and profile, 1925. Scale, 1:31,680. Contour interval, 50 feet. Topography to 200-300 feet. Not published.


**Nisqually River** and Nisqually Glacier from State Highway No. 5 crossing to point about 2 miles upstream (12PK), showing also lower end of glacier, immediately adjacent topography, and about ½ mile of river below it. Surveyed by United States Geological Survey in cooperation with city of Tacoma, 1936. Scale, 1:4,800. Contour interval, 20 feet. Published in one sheet by United States Geological Survey, 1937.


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(a) Carbon River from mouth of South Prairie Creek in sec. 27, T. 19 N., R. 5 E., upstream to point near west boundary of sec. 4, T. 18 N., R. 6 E., 6 miles (12PH) and from highway bridge located 4 miles downstream from Fairfax to Rainier National Park, and dam sites. Surveyed by United States Geological Survey in cooperation with Washington State, 1939. Scale, 1:24,000. Contour interval, 20 feet. Topography detailed. In preparation.


DUWAMISH RIVER (12PG).


Dam site No. 1, about mile 1.2 in sec. 26, T. 21 N., R. 5 E. Topography to 130 feet.

Dam site No. 2, about mile 2.5 in sec. 25, T. 21 N., R. 5 E. Topography to 330 feet.
(b) Smay Creek from mouth upstream 3.2 miles (12PG). Plan by United States Geological Survey in cooperation with Washington State and City of Tacoma, 1940–43. Scale, 1:24,000. Contour interval, 20 feet on land, 5 feet on water. Topography to 0–300 feet. Shown on 1940–43 survey of Green River.


CEDAR RIVER from sec. 9, T. 22 N., R. 6 E., to sec. 12, T. 22 N., R. 8 E., 20 miles (12PG), with outline of Cedar Lake and flowage line of proposed reservoir along the 1,612-foot contour. Plan and profile. Scale, 1:96,000. Contour interval, 100 feet. Very little topography. Published in Water-Supply Paper 313.

SNOHOMISH RIVER (12PF).


(b) Miller Creek from mouth in sec. 18, T. 26 N., R. 10 E., to Lake Dorothy, 12 miles (12PF), including East Fork. Plan and profile, 1913. Scale, 1:31,680. Contour interval, 25 feet on land, 5 feet on water. Topography to 50–100 feet. Published in Water-Supply Paper 366.

(c) West Fork Miller Creek from mouth upstream 2 miles (12PF). Plan and profile, 1913. Contour interval, 25 feet on land, 5 feet on water. Topography to 100 feet. Published in Water-Supply Paper 366.


(b) Sultan River from mouth to sec. 25, T. 29 N., R. 9 E., 23 miles (12PF). Surveyed from mouth to dam site in sec. 29, T. 29 N., R. 9 E., by the United States Geological Survey in cooperation with Washington State, 1913; and from dam site upstream, showing reservoir site, by Washington Railroad & Electric Co. Scale of both surveys, 1:31,680; contour interval, 10 and 25 feet on land, 5 feet on water. Topography for reservoir site shown to 200 feet at dam site. Very little topography is shown along river below dam site. Published in Water Supply Paper 366.


tour interval, 25 feet on land, 5 feet on water. Topography to 25–600 feet. Published in Water-Supply Paper 366.


Tokul Creek dam site, sec. 21, 22, T. 25 N., R. 8 E. Scale, 1:4,800. Contour interval, 10 feet. Topography to 300 feet.

(b) Tolt River, about 1/2 mile, just below junction of North Fork and South Fork (12PF), showing also North Fork, South Fork, and Forks dam site. Surveyed by United States Geological Survey, State of Washington and city of Seattle, 1937–38. Scale, 1:31,680. Contour interval, 20 feet on land and water. Topography detailed. Published in three sheets (two plan, one of which shows dam sites, one profile), 1941.


Dry Creek dam site, at mile 10 in sec. 8, T. 26 N., R. 9 E. Scale, 1:4,800. Contour interval, 10 feet. Topography to 350 feet.

South Fork dam site, at mile 8.5 in sec. 32, T. 26 N., R. 9 E. Scale, 1:4,800. Contour interval, 10 feet. Topography to 250 feet.

STILAGUAMISH RIVER (12PE).

(a) South Fork Stilaguamish River from mouth upstream 44 miles to Silverton (12PE). Plan and profile, 1925. Scale, 1:31,680. Contour interval, 25 feet on land, 5 feet on water. Published in two sheets (one plan, one profile).

(b) Canyon Creek (12PE). Proposed diversion of Canyon Creek into South Fork Stilaguamish River, showing 1,100-, 1,125- and 1,150-foot contours from Canyon Creek across divide to Robe reservoir site. Plan, 1925. Scale, 1:31,680. Shown on 1925 survey of Cavanaugh Lake and miscellaneous reservoir and dam sites.


SKAGIT RIVER. Dam sites (12PD). Surveyed, 1936. Scale, 1:4,800. Contour interval, 10 feet. Topography to 250 feet. Published in one sheet showing dam sites only, 1938.

Faber dam site No. 1, in sec. 19, T. 35 N., R. 9 E. Faber dam site No. 2, in sec. 33, T. 35 N., R. 9 E.


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feet on land, 5 feet on water. Very little topography. Published in Water-Supply Paper 419.

(a) Sauk River from sec. 13, T. 34 N., R. 9 E., to Clear Creek, sec. 31, T. 32 N., R. 10 E., 21 miles (12PC), showing Sauk reservoir site and Suiattle River. Plan and profile, 1936. Scale, 1:24,000. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Published in four sheets (two plan, one profile, one showing Sauk River dam site), 1938.

Sauk River dam site, mile 1.1 in sec. 19, 30, T. 34 N., R. 10 E. Scale, 1:4,800. Contour interval, 10 feet. Topography to 300 feet.


(b) Suiattle River from mouth to mile 5, sec. 10, T. 33 N., R. 10 E. (12PC). Shown on two sheets (one plan, one profile), 1936 survey of Sauk River.


Nooksack River from Maple Falls in sec. 30, T. 40 N., R. 6 E., to Ruth Creek, 25 miles (12PB), tributaries and dam sites. Plan and profile, 1931–34. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Published in eight sheets (four plan, three profile, one dam site), in 1936.

Nooksack River from mouth to Maple Falls, 53 miles (12PB), tributaries and dam sites. Surveyed by United States Geological Survey in cooperation with Washington State, 1938–39. Scale, 1:24,000. Contour interval, 5 and 10 feet on land, 5 feet on water. Topography detailed, showing wide area adjacent to river. Published in five sheets (three plan, two profile), 1947.


(a) Ruth Creek from mouth to mile 4 (12PB). Shown on two sheets (one plan, one profile), 1931–34 survey of Nooksack River.

(a) Swamp Creek from mouth to Twin Lakes, 5 miles (12PB). Shown on two sheets (one plan, one profile), 1931–34 survey of Nooksack River.

(a) Wells Creek from mouth to mile 5 (12PB). Shown on two sheets (one plan, one profile), 1931–34 survey of Nooksack River.

Wells Creek dam site, at mile 2.2, T. 39 N., R. 8 E. Scale 1:4,800. Contour interval, 10 feet. Topography to 180 feet.
(a) Glacier Creek from mouth to mile 5 in sec. 28, T. 39 N., R. 7 E. (12PB). Shown on two sheets (one plan, one profile), 1931-34 survey of Nooksack River.

(a) Canyon Creek from mouth to Falls Creek, 6 miles (12PR). Shown on two sheets (one plan, one profile), 1931-34 survey of Nooksack River.

(a) Middle Fork Nooksack River from sec. 13, T. 38 N., R. 5 E., to mile 12 (12PB). Shown on two sheets (one plan, one profile), 1931-34 survey of Nooksack River.

(a) Middle Fork Nooksack River from mouth to Heislers Creek, about 5 miles (12PB). Shown on one sheet of 1938-39 survey of Nooksack River.

(a) Middle Fork Nooksack River from sec. 13, T. 38 N., R. 5 E., to mile 12 (12PB). Shown on two sheets (one plan, one profile), 1931-34 survey of Nooksack River.

(a) Middle Fork Nooksack River from mouth to Heislers Creek, about 5 miles (12PB). Shown on one sheet of 1938-39 survey of Nooksack River.

(a) South Fork Nooksack River from Saxon Bridge in sec. 21, T. 37 N., R. 5 E., to Wanlick Creek in sec. 2, T. 36 N., R. 7 E., 22 miles (12PB). Shown on two sheets (one plan, one profile), 1931-34 survey of Nooksack River.

(a) South Fork Nooksack River from mouth to Saxon Bridge, 12 miles (12PB). Shown on one sheet of 1938-39 survey of Nooksack River.

Edfro Creek dam site, at mile 2.7 in sec. 35, T. 37 N., R. 5 E. Scale, 1:4,800. Contour interval, 10 feet on land, 5 feet on water. Topography to 450 feet. Shown on one sheet of 1931-34 survey of Nooksack River.

Fraser River (Canada).

(a) Sumas River from a point in sec. 16, T. 40 N., R. 4 E., to a point in sec. 9, T. 39 N., R. 4 E. (13). Shown on one sheet of 1938-39 survey of Nooksack River.

For areas in Washington covered by United States Geological Survey standard topographic maps see plate 1.

WEST VIRGINIA

POTOMAC RIVER (1S).

(a) Cacapon River from mouth upstream 25 miles (1SD), Edes Fort reservoir site. Plan by Corps of Engineers, United States Army, 1920. Scale, 1:171,000. Contour interval, 100 feet, with some 20-foot auxiliary contours. Topography to 200 feet at dam site. Dam site scale, 1:6,600; contour interval, 20 feet. Published in report by Sixty-sixth Congress, third session, in Senate Document 403.

MISSISSIPPI RIVER (3).

(a) Ohio River from Cairo, Ill., to Pittsburgh, Pa., 967 miles (3N, 3M, 3J, 3G, 3E, 3C). Surveyed for navigation by Corps of Engineers, United States Army, at different dates. Maps filed in district offices of Corps of Engineers.

(b) Tygart River (head of Monongahela River) (3B).

(c) Buckhannon River from point 1 mile above Hall, and 8.2 miles above mouth, upstream 20 miles (3BA), reservoir site. Plan and profile developed from United States Geological Survey maps, 1910. Scale, 1:50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.

(c) Teter Creek from point 1.2 miles above mouth, upstream 2 1/2 miles (3BB), reservoir site. Plan and profile developed from United States Geological Survey maps, 1910. Scale, 1:50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.

(c) Sandy Creek from point 2.1 miles above mouth, and 3 miles below Claude, upstream 6 miles (3BB), reservoir site. Plan and profile developed from United States Geological Survey maps, 1910. Scale: 1:50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.


(c) Middle Fork River from point 4 miles below Barbour-Randolph County line upstream 8 miles, also a 3-mile section a few miles downstream (3BA), reservoir sites No. 1 and No. 2. Plan and profile developed from United States
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(c) West Fork River from point 7.4 miles above Clarksburg to Weston, 29 miles (3BC), reservoir site. Plan and profile, 1910. Scale, 1:50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.

(c) West Fork River from mouth to Clarksburg, 169 miles (3BC). Plan and profile by Corps of Engineers, United States Army. Scale, 1:25,340. Contour interval, 10 feet. Topography to 50 feet. Seven sheets, plan and profile on each. Not published.

(d) Elk Creek from point 2 miles below Quiet Dell and 6 miles from Clarksburg, upstream 10 miles (3BC), reservoir site. Plan and profile, 1910. Scale, 1:50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.

(c) Cheat River from point 1 mile above Rowlesburg upstream 20 miles (3BE), reservoir site No. 2. Plan and profile, 1910. Scale, 1:50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.

(c) Cheat River from Pennsylvania-West Virginia State line upstream 15 miles (3BF), reservoir site No. 1. Plan and profile, 1910. Scale, 1:50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.

(d) Shavers Fork, from point 7.4 miles above Parsons, upstream 12 miles (3BE), reservoir sites No. 1 and No. 2. Plan and profile, 1910. Scale, 1:50,000. No topography. Published in report of Flood Commission of Pittsburgh, 1911.

For West Virginia area covered by United States Geological Survey standard topographic maps see plate 1.

WISCONSIN

LAKE MICHIGAN (4C, 4D).


(a) Fox River from mouth to Portage, 163 miles (4DC, 4DG). Profile by Corps of Engineers, United States Army, 1916-1920. Scale, 1 inch=7.5 miles. Plan from Lake Winnebago to Portage, 107 miles. Scale, survey 1:4,800, scale, published map 1:48,000. Contour interval 1, 2, 5, 10 feet. Topography varies. Published in report on Fox River, Sixty-seventh Congress, second session, House Document 146.

(b) Wolf River from mouth to Shiocton, 71 miles (4DE, 4DF). Profile compiled by Corps of Engineers, United States Army, 1916-1921. Scale, 1 inch=7.5 miles. Plan from mouth to Embarrass River, 46 miles. Survey scale 1:4,800, scale, published map 1:48,000. Contour interval, 1, 2, 5, 10 feet. Topography varies. Published in report on Fox River, Sixty-seventh Congress, second session, House Document 146.

DISAPPEARING RIVER from source to mouth has been surveyed for navigation and flood control by the Mississippi River Commission at different dates and with varying topographic detail. For copies of maps apply to Mississippi River Commission, St. Louis, Mo.

MISSISSIPPI RIVER between Missouri River and Minneapolis. For report by Chief of Engineers, United States Army, see Seventy-second Congress, first session, House Document 137.

(a) St. Croix River from mouth to point 11 miles above Danbury, Wis., 131 miles (5CB, 5CC, 5CD). Surveyed by Corps of Engineers, United States Army, and Byllesby Engineering and Management Corporation, 1923, 1926. Scale,

(a) Chippewa River from Flambeau River to Chippewa Reservoir, 63 miles (5CG). Plan and profile compiled by United States Geological Survey, 1925. Scale, 1:24,000. Contour interval, 5 feet. Topography detailed. Published in five sheets (four plan, one profile), 1929.

(a) Chippewa River from Chippewa Falls in sec. 6, T. 28 N., R. 8 W., to Flambeau in sec. 33, T. 33 N., R. 7 W., 45 miles (5CJ). Plan and profile, 1903. Scale, 1:24,000. Contour interval, 10 feet. Topography to 10–70 feet. Published in Water-Supply Paper 417.

(a) Chippewa River from mouth to Chippewa Falls, 63 miles (5CK, 5CM). Profile, 1903. Scale, 1:63,360. Published in Water-Supply Paper 417.

(b) Flambeau River from mouth to Turtle River, T. 42 N., R. 2 E., 115 miles (5CH). Plan and profile, 1906. Scale, 1:24,000. Contour interval, 10 feet. Topography to about 50 feet. Published in Water-Supply Paper 417.


(a) Wisconsin River from mouth to Portage, 118 miles (5EG, 5EF). Profile by Corps of Engineers, United States Army, 1867. Scale, 1 inch = ½ mile. Not published.


(b) Eau Claire River from mouth to The Dells in sec. 7, T. 29 N., R. 10 E., 23 miles (5EB). Plan and profile, 1906. Scale, 1:24,000. Contour interval, 5 feet. Topography to about 50 feet. Published in Water-Supply Paper 417.

For areas in Wisconsin covered by United States Geological Survey standard topographic maps see plate 1.

WYOMING

MISSISSIPPI RIVER BASIN (6).

(a) Missouri River (6).

(b) Yellowstone River (6F, 6G).

(c) Big Horn River (6H).

(d) Wind River in sec. 20, 28, 29, 33, 34, T. 3 N., R. 1 E. (6HD).


(e) Bull Lake Creek from sec. 8, T. 3 N., R. 2 W., upstream 22 miles (6HC), showing Bull Lake, 3 miles of creek below lake and 13 miles above. Plan and profile by Office of Indian Affairs, 1911. Scale, 1:11,300. Topography shown in places. Not published.


(e) Little Wind River (or South Fork) from mouth of North Fork to T. 2 S., R. 5 W., 33 miles (6HA). Plan and profile by Office of Indian Affairs. Scale, 1:4,800. Contour interval, 50 feet. Topography to 50-100 feet. Not published.


(b) Little Missouri River from the mouth of North Fork in T. 57 N., R. 65 W., sixth principal meridian, to the Wyo.-Mont. line (6JC). This is part of a survey extending to a point below Marmarth, N. Dak. Plan by United States Geological Survey and United States Bureau of Reclamation, 1946-47. Scale, 1:24,000. Contour interval 10 feet. Topography detailed. In preparation.

(b) Platte River (6M).

(b) North Platte River (head of Platte River) from sec. 10, T. 26 N., R. 65 W., Wyoming, to sec. 20, T. 19 N., R. 48 W., Nebraska, 45 miles in Wyoming and 75 miles in Nebraska (6N) showing North Platte irrigation project. Plan by United States Bureau of Reclamation, 1911. Scale, 1:31,680. Contour interval, 10 and
20 feet. Topography detailed. Published in five sheets by United States Bureau of Reclamation.


(c) Sweetwater River (6NG). Before construction of Pathfinder reservoir, Sweetwater River entered North Platte River in sec. 28, T. 29 N., R. 8-1 W. Old location of river in reservoir shown on map of Pathfinder reservoir, 1910 survey of North Platte River.

(c) Sweetwater River from Pathfinder reservoir in sec. 5, T. 29 N., R. 85 W., to sec. 4, T. 28 N., R. 102 W., 267 miles (6NG). Plan and profile, 1923. Scale, 1:31,680. Contour interval, 50 feet. Topography to 150-300 feet. Dam-site scale, 1:6,000, except No. 1 as noted, contour interval, 10 feet. Not published.

No. 1 dam site, in sec. 21, 28, 29, T. 28 N., R. 100 W. Scale, 1:1,200. Topography to 150 feet.

No. 2 dam site, in sec. 10, T. 28 N., R. 98 W. Topography to 150 feet.

No. 3 dam site, in sec. 12, T. 29 N., R. 96 W. Topography to 140 feet.

No. 4 dam site, in sec. 31, T. 30 N., R. 91 W. Topography to 220 feet.

No. 5 dam site, in sec. 5, 6, T. 29 N., R. 90 W. Topography to 240 feet.

No. 6 dam site, in sec. 12, 13, T. 29 N., R. 89 W. Topography to 140 feet.

(c) Laramie River from sec. 4, T. 23 N., R. 70 W., to Fox Creek, sec. 2, T. 13 N., R. 77 W., 153 miles (6NL, 6NK). Plan and profile, 1934-35. Scale, 1:31,680. Contour interval, 10 and 20 feet on land, 5 and 20 feet on water. Adjacent topography extending 2 miles or more from river channel along much of course is shown. Published in 10 sheets (7 plan, 3 profile), 1939.


COLORADO RIVER (9).


(a) Green River from State line to town of Green River, 65 miles (9AK, 9AD). Plan and profile by United States Bureau of Reclamation and United States Geological Survey, 1914. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography to 20-200 feet. Published in four sheets (two plan, two profile) in set of sixteen (ten plan, six profile) showing Green River from Green River, Utah, to Green River, Wyo., by United States Geological Survey, 1924.

(b) Blacks Fork from mouth upstream, 28 miles (9AH, 9AJ). Plan and profile by United States Geological Survey and United States Bureau of Reclamation,
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1914. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography to 20–140 feet. Shown on parts of two sheets (one plan, one profile) of 1914 survey of Green River.

(b) Yampa River (9C).

(c) Little Snake River (9CC).

(d) Savery Creek from point 4 miles above mouth to sec. 16, T. 15 N., R. 88 W., 27 miles (9CC), and dam sites. Surveyed, 1936. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Dam-site scale, 1:4,800; contour interval, 10 feet. Published in two sheets (one plan, one dam sites), 1939.

Savery dam site A, at mile 17.0 in sec. 2, T. 14 N., R. 89 W. Topography to 180 feet.

Savery dam site B, at mile 16.4 in sec. 2, T. 14 N., R. 89 W. Topography to 200 feet.

COLUMBIA RIVER (12).


(a) Snake River from Pine Creek, Idaho, to Horse Creek, Wyo., 36 miles in Idaho, 27 miles in Wyoming (12GB, 12GE). Plan and profile, 1931. Scale, 1:31,680. Contour interval, 20 feet on land, 5 feet on water. Topography detailed. Dam-site scale, 1:4,500; contour interval, 10 feet. Published in five sheets (three plan, one profile, one dam site), 1932.

Narrow dam site, at mile 40 above Pine Creek, Idaho. Topography to 270 feet.

Blind Canyon dam site, at mile 44.4 above Pine Creek, Idaho. Topography to 180 feet.

Station Creek dam site, at mile 48.3 above Pine Creek, Idaho. Topography to 180 feet.

Bailey Creek dam site, at mile 53.1 above Pine Creek, Idaho. Topography to 170 feet.

Johnny Counts Flat dam site, at mile 59.5 above Pine Creek, Idaho. Topography to 200 feet.

GREAT SALT LAKE (10H).

(a) Bear River, Woodruff Narrows reservoir site, from sec. 31, T. 18 N., R. 120 W., to sec. 31, T. 17 N., R. 120 W., 7 miles not including river bends (10HB). Plan. Scale, 1:68,500. Contour interval, 15 feet. Topography to 85 feet at dam site. Published in Water-Supply Paper 517.

(a) Bear River in Wyoming and Utah, from point 6 miles north of Cokeville, Wyo., to junction of Stillwater Fork, Utah; total channel length, 178 miles, of which mile 0 to mile 41, and mile 101 to mile 168, are in Wyoming, the remaining 70 miles in Utah (10HB), showing also tributaries and dam sites. Surveyed, 1934–38. Scale, 1:31,680. Contour interval, 10 and 20 feet on land, 5 feet on water. Topography for wide area adjacent to river. Dam-site scale, 1:4,800; contour interval, 10 feet. Published in 13 sheets 3 of which show dam sites, 1941.

Myers Narrows dam sites at mile 151.2 in sec. 6, T. 13 N., R. 119 W. Topography to 320 feet.

Woodruff Upper dam site, at mile 105.7 in sec 32, T. 18 N., R. 121 W. Topography to 200 feet.

Woodruff Lower dam site, at mile 103.1 in sec. 20, T. 18 N., R. 121 W. Topography to 150 feet.
(b) Yellow Creek in Wyoming and Utah, from mouth to mile 24, of which approximately 5 miles (mile 13 to mile 18) is in Utah (10HB). Shown on 1934–38 survey of Bear River.


(b) Pleasant Valley Creek to mile 4 (10HB). Shown on 1934–38 survey of Bear River.

Crompton Reservoir dam site, in Pleasant Valley, sec. 9, T. 15 N., R. 120 W. Scale, 1:4,800. Contour interval, 10 feet. Topography to 140 feet.

For areas in Wyoming covered by United States Geological Survey standard topographic maps see plate 1.
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