

6206

U. S. COAST & GEODETIC SURVEY
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DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

Topographic } Sheet No. E 6206
Hydrographic }

State New York

LOCALITY

Hudson River

Catskill Creek and Esopus Creek

Project No. HT-190

1934

CHIEF OF PARTY

John A. Bond

U. S. GOVERNMENT PRINTING OFFICE: 1934

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REG. NO.

TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. "E"

REGISTER NO. 6206

State New York

General locality Hudson River

Locality Catskill Creek and Esopus Creek

Scale 1:5000 Date of survey October, 1934

Vessel MIKAWA

Chief of party John A. Bond, H. & G. Engr.

Surveyed by C. F. Chenworth, Aid.

Inked by C. F. Chenworth, Aid.

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated July 25, 1934, 19

Remarks:

DESCRIPTIVE REPORT

To Accompany Topographic Sheet E

Hudson River
(Catskill Creek)
(Esopus Creek)
Project No. HT-190

Instructions dated July 25, 1934

GENERAL DESCRIPTIONS

The sheet consists of two sections, one which covers Catskill Creek, and the other Esopus Creek.

Esopus Creek is the entrance to the town of Saugerties from the Hudson River. The shoreline is mostly low and wooded to the point where the direction of the creek curves from a westerly to a northerly direction. From here the north shore is mostly rocky bluff. The Sheffield Paper Mills occupy the point on the west shore and is the only development within the area of the sheet.

The dotted line near the end of the area surveyed is the head of navigation for even small skiffs as the area above this is full of rocks and boulders above the surface. There is a dam about a hundred meters above the limit of the area surveyed.

Catskill Creek is the entrance to the town of Catskill from the Hudson River. The town of Catskill takes in the greater part of the north shore and of the south shore above the first sharp point of rocky bluff.

In compliance with the instructions only the shoreline and the topographic detail immediately adjacent thereto were surveyed.

LANDMARKS

The landmarks falling within the limits of the sheet are being submitted on a separate report.

CONTROL

The control was adequate in the vicinity of Catskill Creek, but all of the triangulation stations on this section were located on much higher ground than the level of the shoreline.

Triangulation station "St. Anthony" was not available for use for control but topographic station "Cro", which is a cross on top of the same building upon which the triangulation station is located, was located by measuring azimuth and distance, and was used for control.

Control in the vicinity of Esopus Creek was scarce and consisted of but two triangulation stations. From these two stations, other points were located by graphic triangulation which were later used for control.

SURVEY METHODS

Standard Coast Survey methods were used throughout, and all traverse closures were satisfactory.

BUILDINGS

In general buildings were not located, but several large or prominent ones were located where it was possible to do so without loss of time. In several other places a dotted line in pencil is drawn about the areas located by buildings for the aid of the photo-compilation.

GRASS SYMBOL IN WATER AREA

It will be noted that in several places the grass symbol is given in water areas. This is not marshland but tall grass which grows up through the water in shoal areas and which probably dies out in the winter-time.

U.S. ENGINEER'S MARKS

Several U. S. Engineer's marks were located along Esopus Creek and are shown by the topographic station symbol and the name. A sketch and descriptions of these stations were available and while they were poorly marked, it is quite certain that the correct ones were recovered.

No information on U. S. Engineer's stations was available along Catskill Creek and nothing was found which might have been an Engineer's Department Mark.

DATUM

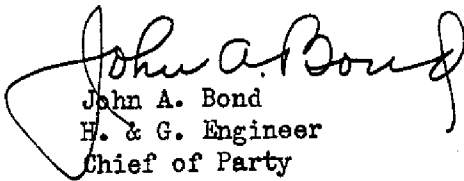
The datum used is North American, carried forward through the unadjusted third order triangulation of C. A. Egner, 1933, and J. A. Bond, 1934. At station Terry, near Kingston, there is a discrepancy of about 4 meters between the third order work and the 1858 second order triangulation. At station Mt. Merino, near Hudson, the discrepancy between the third order and 1858 second order triangulation is about 8 meters. As a scheme of first order triangulation is contemplated over the area in the near future, which will permit adjustment of the third order triangulation as well as establishing the N.A. 1927 datum, projection lines have been left in pencil, (their extremities indicated by short inked lines) the final projection on the N. A. 1927 datum to be supplied by the office.

Submitted by:



C. F. Chenworth
Aid, U.S.C. & G.S.

Approved by:



John A. Bond
H. & G. Engineer
Chief of Party

To: H.M. Strong
From: C.F.M.

Survey No. T 6206

GEOGRAPHIC NAMES

Date. Feb. 21, 1935.

New York

Chart No. 283

Names approved Feb. 21, 1935.

Diagram No. 283

Approved by the Division of Geographic Names, Department of Interior. *

Referred to the Division of Geographic Names, Department of Interior. R

Under investigation. Q

Status	Name on Survey	Name on Chart	NEW Names in local use	Names assigned by Field	Location
	<u>Esopus Creek</u>	Same			
	<u>Saugerties</u>	"			
	<u>Catskill *</u>	"			
	<u>Catskill Creek</u>	"			
	<u>Hudson River</u>	"			
The Names on this Sheet were inked on the Sheet by the Field.					
* Place name also on south side of creek.					
			Dubois Creek *		
	* U.S.G.S. quad Catskill				

Section of Field Records

REVIEW OF TOPOGRAPHIC SURVEY NO. 6206 (1934).

Catskill Creek and Esopus Creek, Hudson R. New York.

Surveyed October 1934

Instructions dated July 25, 1934 (MIKAWA)

Plane Table Survey - Aluminum Mounted

Chief of Party - J. A. Bond.

Surveyed by - C. F. Chenworth.

1. Condition of Records.

The records conform to the requirements of the Topographic Manual with the following exceptions:

- a. The provision requiring vertical lettering for all objects above High Water was not complied with.
- b. The projection lines were left in pencil by the field party pending adjustment of triangulation. (See D.R. page 2). This has been inked in the office.
- c. Landmarks for Charts were to be submitted in a separate report (see D.R. page 1.) At the time of this review, they had not yet been received in the office.

2. Compliance with Instructions for the Project.

The survey complies with instructions for the project.

3. Junctions with Contemporary Surveys.

Satisfactory junctions were made with T-6205(1934) and T-6207(1934) except that there was a gap in the shoreline north of Esopus Creek. This gap is discussed in the review of T-6205(1934).

4. Comparison with Prior Surveys.

T-726(1858).

The shoreline on this survey agrees with the present shoreline except at the mouth of Esopus Creek where jetties have been considerably extended and where the land has been built up by silting.

5. Field Drafting.

The field inking of the survey is satisfactory.

6. Additional Work Recommended.

The survey is complete and no additional work is necessary.

7. Superseding Prior Surveys.

Insofar as the topography actually included on the present survey is concerned it supersedes the following surveys for charting purposes:

T-726(1858) in part.

8. Reviewed by - A. F. Jankowski, March 1934.

Inspected by - A. L. Shalowitz.

Examined and approved:

C. K. Green, *C. K. Green*
Chief, Section of Field Records.

J. S. Borden
Chief, Section of Field Work.

L. O. Dolbert
Chief, Div. of Charts.

G. W. Hude
Chief, Div. of H. & T.