



New York State Archives

**New York State Engineer and Surveyor Water Supply
Computations for Survey of the Black River B0695**

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Overview of the Records

Repository:	New York State Archives
Summary:	This series consists of two volumes that contain water supply computations for the Black River. These computations were gathered in order to improve the Black River for navigation.
Creator:	New York (State). State Engineer and Surveyor
Title:	Water supply computations for survey of the Black River
Quantity:	0.3 cubic feet
Quantity:	(2 volumes)
Inclusive Date:	1911
Series:	B0695

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Arrangement

Unarranged.

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Administrative History

Chapter 190 of the laws of 1911 directed the State Engineer to make a survey and prepare plans and estimates for improving the Black River for navigation. A topographic survey was also suggested in order to improve and create new lines of the already existing Black River Canal.

This chapter also called for measuring the volume of water discharged throughout the year by each of the streams under consideration. Rainfall and run-off data was gathered and reservoir sites were located regarding the reservoir's capacity and adaptability for feeding the canal. In order to do this, the value of the land to be flooded was assessed and the costs of necessary structures were computed. These volumes were part of this preliminary study.

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Scope and Content Note

This series consists of two volumes containing water supply computations for a 1911 survey of the Black River. The first volume contains computations that show the capacity of bodies of water along the black river, measuring the volume of water in millions of cubic feet, the contour under consideration, the average area, and the total flooded area. This volume also contains the water supply volume for canals; calculations of waste weir discharge; computations of storage; the cost of locks and dams; and a summary of the costs of water supply feeders, reservoirs, and dams.

The second volume contains the approximate determination of the capacity of the valley of the North Branch; rainfall and run-of totals; the capacity of reservoirs; and an index to the lines of a proposed Black River Canal.

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Use of Records

Access Restrictions

There are no restrictions regarding access to or use of this material.

Access Terms

- Water-supply engineering--New York (State)
- Black River (N.Y.)
- Black River Canal (N.Y.)
- Regulating water resources
- Surveying
- New York (State)
- Canals
- New York (State). Department of Transportation