

MAINE STATE LEGISLATURE

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PUBLIC DOCUMENTS

OF THE

STATE OF MAINE

BEING THE

REPORTS

OF THE VARIOUS

**PUBLIC OFFICERS
DEPARTMENTS AND
INSTITUTIONS**

FOR THE TWO YEARS

JULY 1, 1928 - JUNE 30, 1930

Fourth Biennial Report

(Fourteenth and Fifteenth Annual Reports)

Public Utilities Commission

STATE OF MAINE

TWO YEARS ENDED JUNE 30, 1930

1929-1930

PUBLIC UTILITIES COMMISSION OF THE STATE
OF MAINE

THE COMMISSION

*ALBERT J. STEARNS, *Chairman*
HERBERT W. TRAFTON, *Commissioner*
ALBERT GREENLAW, *Commissioner*

GEORGE F. GIDDINGS, *Clerk*
RUEL C. HANKS, *Official Reporter*
ERVIN E. J. LANDER, *Assistant Reporter*

ENGINEERING DEPARTMENT

JOHN E. GOODWIN, *Chief Engineer*
HAROLD L. GERRISH, *Assistant Engineer*
†HOWARD H. POTTER, *Assistant Engineer*

ACCOUNTING DEPARTMENT

ALBERT E. LAMB, *Chief Accountant*
‡CHARLES E. BICKFORD, *Auditor*

RATES DEPARTMENT

FRANK J. MCARDLE, *Chief*

INSPECTIONS DEPARTMENT

ELMER E. PARKMAN, *Chief Inspector of Utilities*
FRANK A. DOLLOFF, *Inspector of Utilities*

WATER RESOURCES DEPARTMENT

MINER R. STACKPOLE, *Assistant Engineer*

STEAMBOAT AND MOTOR BOAT DEPARTMENT

ARCHIE E. FAIRBANKS, *Inspector*

*Appointed November 19, 1928, vice Charles E. Gurney, whose term of office expired.

†Appointed May 15, 1929.

‡Appointed April 21, 1929, vice George A. Colburn, resigned.

To the Honorable, the Governor and Executive Council:

The Public Utilities Commission hereby respectfully submits its Fourth Biennial Report (Fourteenth and Fifteenth Annual Reports) for the two years ended June 30, 1930.

The personnel of the Commission during the period covered by this report has been changed on account of resignations and expiration of term of office. Mr. Albert J. Stearns of Norway, Maine, was appointed Chairman on November 19, 1928, vice Mr. Charles E. Gurney whose term of office expired. Mr. Howard H. Potter was appointed assistant engineer on May 15, 1929, and Mr. Charles E. Bickford was appointed auditor on April 21, 1929, vice Mr. George A. Colburn, resigned.

Certain statistical information heretofore published has been eliminated from this biennial report.

There have been omitted from appended schedules all statistics related to gas companies, electric railway companies and Class D telephone companies. All water utilities having a gross revenue of less than \$10,000 per year have also been eliminated. Owing to the somewhat limited use of such statistical matter as is thus omitted we feel that any requests for information pertaining thereto, coming to the department, can be handled without great sacrifice of time or effort on the part of our office force.

From the steam railroad statistics have been eliminated those systems which operate only a comparatively small portion of their mileage in Maine. Owing to these circumstances, the returns for the entire system, as heretofore published, are of doubtful value. Only one schedule covering leased roads is included and that in order to show the total railroad property operated in the State.

The appended schedules therefore contain only such statistics as it is felt, from the standpoint of usefulness, warrant the expense of publication.

Our activities are largely in connection with the following utilities:

Water	157	Gas Companies	7
Telephone	98	Wharfingers	5
Electric Light and Power	62	Telegraph	4
Steamboats	18	Express	3
Steam Railroads	13	Pullman	1
Electric Railroads	11	Total	379

This total is eighteen less than the number shown by the last report. The number of telephone companies has been reduced by five through consolidations and discontinuances;

electric light and power companies have been reduced by eight, four new ones having been organized and put into operation while twelve have been consolidated; one steam railroad (Kennebec Central) has been permitted to abandon by the Interstate Commerce Commission; one steamboat (Bath State Ferry) discontinued; two gas companies, (South Portland and Westbrook) consolidated with Portland; one wharfinger at Moosehead Lake discontinued.

We are required by law to pass upon the security issues of all utilities, and our regulatory duties in fixing rates, tolls and charges, and regulating the practices of these utilities, involve numerous hearings on complaint (both formal and informal) and many conferences. During the past two years we have engaged more actively than ever before in making valuations, especially of electrical companies, and at the present time we are prosecuting the most extensive valuation project ever undertaken by the Commission, viz: A complete inventory and valuation of the electrical properties of the Maine Public Service Company operating in Aroostook County, including its generating plant and equipment located in New Brunswick and used in serving Maine territory. We are also making a valuation of the properties of the various distributing companies in Aroostook County purchasing current from the Maine Public Service Company.

Although something of a departure from our previous custom, we shall include in this report a brief synopsis of all cases appearing on our Formal Docket, showing the names of the parties to each complaint and the nature and disposition thereof, since we feel that such a reference may be of some general interest and will best indicate the activities of this department.

Our Informal Docket is much larger in point of number of cases handled than is our Formal Docket, and entails many investigations and conferences, but space will not permit of anything more than a summary of this class of complaints which have come before us for consideration during the period of this report. These cases have, however, received our careful attention and much time has been devoted to them both by the commission and by our technical staff.

WATER COMPANIES**Formal Complaints**

F. C. No. 765, J. P. Bernier et al. vs Sanford Water Company, re inadequate service. Hearing held. Pending.

F. C. No. 768, Public Utilities Commission vs Camden and Rockland Water Company, re inadequate service. Hearing held. Complaint dismissed.

F. C. No. 769, Milo Water Company vs Itself, re increase in rates. Two hearings held. Decree issued authorizing company to make certain hydrant rate increases.

F. C. No. 774, Public Utilities Commission vs St. George Water Company, re inadequate service at Port Clyde. Hearing held. Cause of complaint having been removed case dismissed.

F. C. No. 777, Fort Kent Water Company vs Itself. Petition to increase rates. Two hearings held. Decree ordering certain decreases in hydrant rates and authorizing increases in certain other rates.

F. C. No. 781, Public Utilities Commission vs Camden and Rockland Water Company, re increase in rates. Three hearings held. Rates suspended twice. Decree authorizing filed rates to become effective.

F. C. No. 782, Public Utilities Commission vs Brownville and Williamsburg Water Company, re increase of rates. Hearing held. Rates suspended twice. Petition withdrawn.

F. C. No. 785, Island Falls Water Company vs Itself, re increase of rates. Hearing held. Decree authorizing increase first faucet rates. Petition denied as to other increases.

F. C. No. 796, Selectmen of York et al. vs York Shore Water Company, re unreasonable and unjust rates. Case held in abeyance at request of complainants. Pending.

F. C. No. 800, Milo Water Company vs Itself, re increase in rates. Four hearings held. Company authorized to amend rate schedule to provide additional operating revenue on account of increased taxes.

F. C. No. 816, Public Utilities Commission vs Searsport Water Company, re rates. Rates suspended twice. Two hearings held. Company authorized to file amended schedule with special reference to seasonal customers.

F. C. No. 817, Public Utilities Commission vs Newport Water Company, re rates. Rates suspended twice. Two hearings held. Company ordered to improve its service and authorized to slightly increase rates.

F. C. No. 834, Casco Bay Light and Water Company vs. Portland Water District, re rates. Two hearings held. Rates suspended twice. Pending.

F. C. No. 840, Public Utilities Commission vs St. George Water Company, real complainant Mr. W. M. Harris, Port Clyde, alleging inadequate service. Hearing held. Pending.

F. C. No. 841, Camden and Rockland Water Company vs Itself, re rates. Pending.

F. C. No. 842, Sumner A. Glazier et al. vs Augusta Water District, re extension of service at Pleasant Hill, Augusta. Pending.

Of the utilities listed under the designation of Water Companies 124 are privately owned, 19 are water districts and 14 are municipally owned and operated.*

It will be seen that during the period covered by this report there have been filed sixteen Formal Complaints against water services, upon which we have held twenty-three hearings. Seven of these complaints were upon the Commission's own motion. Five involved inadequate service and eleven were with reference to rates. Ten of these cases have been disposed of by decision and decree of the Commission and six are still pending.

Among the above Formal Docket Cases heard and disposed of F. C. No. 800 re Milo Water Company, and F. C. No. 841 re Camden and Rockland Water Company, involving increased rates by reason of an increase in taxation, invite our comment here in the hope that it may be helpful in bringing about a better understanding between utilities and communities having like problems to solve.

In the Camden and Rockland Water Company case pending June 30, 1930, but since decided, rates had been considered by the Commission and determined upon the basis of operating revenues and expenses as they existed the latter part of 1928, when complaint in a general rate case was filed. In 1928 the municipal taxes assessed against the company in the various communities served amounted to \$14,830.83. In 1929 the taxes were increased to \$16,784.63 and in 1930 further increased to \$21,265.65.

"Taxes are always recognized as a part of the necessary operating expenses of a utility to be borne by the consumers in proportion to the value of the service received by them."
(121 Me. 431).

Therefore whenever any municipality materially increases taxes against a utility and thus increases the operating expenses of that utility, this Commission must always recognize the claim of the company for increased rates to meet this added expense. In other words assuming that rates were just and reasonable at the time of the increase in taxation, it would generally follow that increased rates would be necessary in order to provide revenue to defray this additional necessary expense.

So in the Milo Case, upon consideration of a complaint re rates in F. C. No. 769, decision was rendered October 26, 1928. The following year the Town of Milo assessed against the Water Division of the Milo Water Company a municipal tax of \$4,790.50, an increase of \$952.57 over the previous year, and the Commission under F. C. No. 800 was thereupon required to again consider the question of rates to determine whether an

* Two are water districts.

increase should not be granted to provide for this additional operating expense, which we accordingly allowed.

Lack of proper public relations plays a big part in such controversies and we again repeat what we have taken occasion at different times to suggest and urge for the serious consideration of the officials of companies and towns involved, that some mutual understanding and agreement be reached between them to the end that such annoying and expensive proceedings as are involved in rate cases, may be avoided as far as possible, or at least may not be unduly multiplied.

Rates:

Water utility rates have in general remained constant. Such important adjustments as have been made were the result of formal consideration by the Commission.

Informal Complaints

There were filed during the period twenty-seven Informal Complaints against water utilities. In fifteen cases the "cause of complaint was removed" and the cases dismissed; one was transferred to the Formal Complaint Docket and handled formally; eight were otherwise disposed of, and there are three pending.

Utilities Docket

The total number of petitions filed by water utilities for the two years ended June 30, 1930, was fifty-two. Twenty-three of said petitions involved the issuing of securities, fifteen involved consolidation proceedings, four related to the sale of property, four related to free service on account of charitable and benevolent purposes, two involved the filing of rates on less than statutory notice and four were miscellaneous. Two are pending.

TELEPHONE COMPANIES

Formal Complaints

- F. C. No. 767, George E. Chatto et al. vs New England Telephone and Telegraph Company, re inadequate service on Line 162, Augusta. Two hearings held. Respondent filed answer. Cause of complaint removed; case dismissed.
- F. C. No. 779, Public Utilities Commission vs North Ellsworth Telephone Company, real complainant Mrs. Arthur A. Whittaker, Ellsworth, re inadequate service. Hearing held. Case dismissed.
- F. C. No. 783, H. E. Hussey et al. vs Norway Local Telephone Company, re protest against increase of rates. Hearing held. Complaint dismissed.
- F. C. No. 788, L. H. Phillips et al. vs North Ellsworth Telephone Company, re inadequate, unsatisfactory and insufficient telephone service. Hearing held. Complaint dismissed.
- F. C. No. 791, Charles A. Hill et al. vs Maine Telephone and Telegraph Company, re rates, tolls and charges. Hearing

held. Commission issued decree ordering telephone company to cancel certain rates.

F. C. No. 792, Ernest W. Gilman et al. vs Somerset Farmers Co-operative Telephone Company and Maine Telephone and Telegraph Company, re discontinuance of connection of service between the lines of the two companies. Two hearings held. Commission issued decree ordering the two telephone companies to establish and maintain physical connection of their respective lines at convenient points within each exchange area. Maine Telephone and Telegraph Company filed bill of exceptions to the rulings of the Commission. Exceptions allowed. Case certified to the Law Court. Rescript of Law Court filed. Exceptions sustained as to physical connection, overruled as to jurisdiction and other features.

F. C. No. 818, Public Utilities Commission vs New England Telephone and Telegraph Company, Mrs. Sarah B. Hamor, Cranberry Isles, real complainant, re inadequate service. Hearing held. Case held open on the docket of the Commission for the purpose of allowing the company to make certain proposed additions and improvements to its service.

F. C. No. 820, J. B. Doyle et al. vs Peoples Co-operative Telephone Company, New Sharon and Norridgewock Telephone Company, Maine Telephone and Telegraph Company and Somerset Farmers Co-operative Telephone Company, re service and physical connection between lines of the companies. Pending.

F. C. No. 824, Public Utilities Commission vs Monson Telephone Company, re inadequate service. Cause of complaint having been removed, case dismissed.

It will be seen from the foregoing compilation that the total number of Formal Complaints filed against telephone companies for the two years ended June 30, 1930, were nine, upon which was held nine hearings. Three of the complaints were upon the Commission's own motion. Seven involved the matter of service, and two related to rates.

There is one case pending.

Informal Complaints

The total number of Informal Complaints filed during the period of this report against telephone companies was thirty. The "cause of complaint was removed" in twenty cases and the complaints were dismissed, two were transferred to Formal Complaint Docket, otherwise disposed of two, and six are pending.

Utilities Docket

The total number of petitions filed by telephone companies for the period of this report was ten. Three involved the issuing of securities. Three involved increase of stock. Three related to the sale of property and one, a joint petition, involved the sale of property and the issuing of securities.

There are 98 telephone companies operating in the state as

public utilities, many of which are small and serving sparsely settled rural districts. Some of these companies are attempting to render service with plants which are old and out-of-date at rates which are insufficient to afford proper maintenance and renewal of equipment. The result is a grade of service which does not compare favorably with the standards of modern telephony.

The rapid growth of the tourist business in Maine has resulted in a demand for a type of service which many of these companies are incapable of rendering under conditions which prevail. Since the reconstruction of plants in many cases is not economically justified, it becomes increasingly important that frequent inspections and minor repairs be made.

The Commission believes that the services of an additional engineer vice the present electrical engineer, to be transferred to the Rate Department, available to meet the problem above described in connection with the general electrical activities of the Commission, would enable us to more efficiently serve the public. Mr. George R. Armstrong formerly served the Commission in the capacity of telephone engineer; since his resignation in 1923 to accept a better position with the New England Telephone and Telegraph Company, we have been without the services of an engineer trained in that field. This addition to our engineering staff which will make provision for an assistant in our Rate Department is highly desirable and it is our hope that this may be accomplished in the near future.

Rates:

It may be said that telephone rates in general remain undisturbed, except in the case of the small companies, serving rural sections, where a comparatively few rate changes have been made.

ELECTRIC COMPANIES

Formal Complaints

F. C. No. 775, Public Utilities Commission vs Milo Electric Light and Power Company, real complainant Milo Water Company, re rates. Hearing held. The two companies agreed upon a schedule of rates and thereupon the Commission dismissed case.

F. C. No. 793, Charles E. Rudolph et al. vs Kittery Electric Light Company and New Hampshire Gas and Electric Company, re rates. Three hearings held. Pending.

F. C. No. 794, Public Utilities Commission vs Monson Light and Power Company, re rates. Schedule suspended. Respondent withdrew portion of rates objected to by real complainants. Dismissed.

F. C. No. 798, Frank W. Winter et al. vs Androscoggin Electric Company, re rates. Three hearings held. Pending.

F. C. No. 799, Charles E. Greene et al. vs Central Maine Power Company, re service at Lisbon Falls. Cause of complaint having been removed, complaint dismissed.

F. C. No. 804, Frank W. Winter et al. vs Central Maine Power Company, Androscoggin Electric Company and Cumberland County Power and Light Company. Re authority to purchase secondary power from Central Maine Power Company and allied power companies. Complaint not being within the purview of the statute, dismissed.

F. C. No. 806, F. A. Ricker et al. vs Turner Light and Power Company, re reduction in rates. Hearing held. Amended rate schedule ordered effective February 20, 1930. Case to remain open on the docket of the Commission for such further order as may be determined at the end of one year.

F. C. No. 807, Public Utilities Commission vs Gould Electric Company, re rates. Two suspensions. Hearing held. Decree ordering company to file amended schedule, rules and regulations.

F. C. No. 819, Public Utilities Commission vs Maine Public Service Company. Notice of investigation issued. Case held in abeyance to permit Maine Public Service Company, New England Telephone and Telegraph Company and Katahdin Farmers Telephone Company to make arrangements regarding certain improvements to be made in certain territory near Dyer Brook.

F. C. No. 821, Chester A. Parker et al. vs Bangor Hydro-Electric Company, re extension of service at Bluehill. Pending.

F. C. No. 823, Residents of Mount Desert vs Bangor Hydro-Electric Company, re extension of service. Pending.

F. C. No. 835, Public Utilities Commission vs Monson Light and Power Company, re rates. Hearing held. Decree ordering company to amend that part of its rate schedule relating to "Minimum Demand Capacity."

F. C. No. 837, Frank W. Winter et al. vs Androscoggin Electric Company, re adequate service at reasonable and just rates in Minot. Pending.

F. C. No. 839, Frank W. Winter et al. vs Androscoggin Electric Company, re extension of service at Thornes Corner. Pending.

The foregoing compilation shows that there were fourteen formal complaints filed for the period ended June 30, 1930, against electric companies, upon which ten hearings were held. Five of the aforesaid complaints were by the Commission upon its own motion. Seven involved rates, six related to service and one was for authority to purchase secondary power from other electrical companies. There are six cases pending.

Two rather important electrical rate cases have been before the Commission during the past two years, one being F. C. No. 793, Charles E. Rudolph et al. vs Kittery Electric Light Company and New Hampshire Gas and Electric Company, pending on the date of the report, the other F. C. No. 807, Public Utilities Commission vs. Gould Electric Company. In both of these cases the Commission required an appraisal to be made by its engineers in order to test other appraisals submitted in behalf of the companies, and in the Kittery case an appraisal made and submitted in behalf of the complainants. This was found to be

very helpful, in fact almost indispensable in arriving at the fair value of the properties in question.

In this connection, as has already been alluded to, the Commission is engaged in appraising the property of the Maine Public Service Company and eight smaller companies located in Aroostook County, which work was undertaken subsequent to June 30, 1930, and at the time of writing this report is still in progress. The properties under analysis are extensive in area and constitute a sizeable undertaking. The compilation of the field inventory is being carried on by an expanded engineering force, four men being engaged on transmission and distribution equipment and two men delegated to hydraulic plant inventory. In addition, the services of Mr. Paul L. Bean of Lewiston as consulting engineer have been obtained. Payment of the salaries and expenses of the consulting engineer and other engineers not permanent employees is being made from the special fund of \$7,500 provided by the Eighty-Fourth Legislature for that purpose for each of the years 1930 and 1931.

Many problems are presented in this project because the current sold by the Maine Public Service Company is generated in Canada, a portion of which is distributed in New Brunswick after having been brought into Maine, and also because the conditions under which wholesale and retail customers are being served by the generating company.

It is expected that the field work will be completed this Fall, and a study made of data collected will be made during the Winter months, so that a hearing may be held in the early part of the Spring.

In this work the Maine Public Service Company has shown a fine spirit of cooperation and is rendering our engineers every reasonable assistance.

This valuation is being made by this Commission as a result of a petition brought by the distributing companies in this territory as complainants against the rates being charged by the generating company.

Rates:

A survey of the rates imposed by electric utilities serving Maine tends to show a downward movement. During the past few years the increased use of electric energy, brought about by the advent of many appliances and the resulting use thereof in the home and commercial fields, has made necessary the establishment of such rates as appeared expedient for application to the services furnished by these modern appliances.

Rates which in the past applied to the more general use of electric energy for light and power have undergone changes and now appear in forms having application to the extended and diversified use of energy. The straight or one form meter

rate has in many instances been replaced by block or graduated rates which permit an increased use of energy at diminishing costs. Apparently the modified rates have been adopted as promotional or inducement features in order to enlarge the distribution of electric energy and at the same time permit a more reasonable customer cost as the demand for service increases.

Informal Complaints

The total number of informal complaints against electric companies filed for the period of this report was forty-nine. Twenty-six were dismissed because "cause of complaint was removed." Two were transferred to the Formal Complaint Docket. Sixteen were "otherwise disposed of" and there are five pending.

Utilities Docket

There were eighty-five petitions and applications filed by the electric companies during the present period, upon which twenty-seven hearings were held. Thirty-one involved the issuing of securities, twenty-two were for permission to file rates on less than statutory notice, nine related to the furnishing of service in territory occupied or authorized to be served by another utility, seven were for the sale of property, five involved the increase of capital stock, two, joint petitions, were for the sale of property and the issue of securities to pay for same and nine were miscellaneous. There are five cases pending.

Contracts

During the period covered by this report there have been approved and filed with the Commission twenty-two contracts involving rates for service furnished by or between electric companies. The approval by the Commission of any contract goes only so far as the same relates to the product or service furnished and comes under the provisions of Section 34 of Chapter 55 of the Revised Statutes, as amended.

RURAL ELECTRIFICATION

The rural electrification situation as it comes before the Commission has been progressively changing during the last five or six years. The number of petitions for extension of electrical service generally have decreased due, we believe, to several changes in requirements which have been voluntarily adopted by the serving companies.

A few years ago the electric companies required guarantees of annual gross revenue during a five year period amounting to 33 1-3% of the cost of an extension. The minimum standards of rural construction were also more rigid than at present.

There resulted from this higher cost of construction and higher required gross revenue, proposed terms for service which were not in many cases acceptable to prospective customers. Consequently, a succession of appeals were made to the Commission for lower terms for extension of service.

The policy of the Commission has consistently been that of making surveys and cost estimates of each extension in order that an equitable adjustment of the matter might be made based upon exact conditions as they existed. Generalities do not constitute a fair basis for the determination of such cases. As a result of these estimates and studies, the Commission became convinced that the 33 1-3% basis was not justified but rather that the actual annual cost to the electric company was somewhat less than 20% of the extension cost. Accordingly extensions were repeatedly ordered on a basis of approximately 20% of the extension cost as annual gross revenue during a period of five years.

Gradually, changes in the requirements of the companies appeared until now the companies generally base guarantees for service upon 20% or 25% of the extension cost. Also the construction requirements have been reduced somewhat, and, in some cases, the "long-span" type of construction is being adopted. It has long been felt that such construction could be utilized to partially solve the economic phase of rural extensions. The fact that substantial agreement usually exists now between estimates of cost prepared by the company and those prepared by the Commission's engineering department indicates that the type of construction assumed agree closely.

A significant fact is the relatively small number of extension cases which come to a formal hearing, the greater number being adjusted by informal procedure. This condition results, we believe, from the changed company requirements which have reduced the gap between the parties. Even with reduced Commission activity, the amount of rural line construction has greatly increased. Data submitted by the four largest companies indicate that approximately 811 miles of rural lines were built in the construction periods of 1928 and 1929.

The problem of rural extensions in Maine is particularly difficult. The density of rural population is so much lower than in southern New England states that the investment per customer is materially greater. This situation requires the furnishing of larger amounts of money by the customer either through greater energy use or annual guarantees. The annual guarantees usually become of no consequence if the use, by the petitioner very much exceeds that for building lighting. In the past, unfortunately, our experience indicates a general lack of use which would justify the extension. This, we believe, is

being overcome by efforts of the manufacturers of electrical machinery to adapt its products to efficient farm use and through utility demonstration of electrical methods in educational campaigns. In this connection, some of the utilities have arranged with progressive farmers to operate "Demonstration Electrified Farms." Energy consumption records of various equipment are thus obtained and public interest awakened by viewing successful and efficient use of electricity.

The financial inability of the farmer to purchase sufficient equipment to produce a reasonably large electrical load is another cause of his failure to make profitable use of electricity under the terms of the guarantee.

However, reasonable progress in rural electrification seems to have been made and may be expected to continue. This is indicated by a report prepared by the Statistical Research Department of the National Electric Light Association which gives the number of farms served in Maine at December 31, 1923, as 5,675 and at December 31, 1928, as 11,875. This represents an increase of 109% in a five year period. At the latter date the number of farms in Maine is given as 51,200, of which 23.2% were receiving service. On the basis of the percentage of farms served, Maine occupied seventh position in the country at December 31, 1928.

It seems that the extension of electric service into rural areas is going forward in a reasonably satisfactory manner, and that, generally speaking, the number of customers and the load per customer are steadily increasing during the life of the extensions which have been built.

STEAMBOATS

Utilities Docket

Twelve petitions were filed by steamboat companies. Ten of the petitions were for permission to file rates on less than statutory notice, one for sale of property and one for the issue of securities.

STEAM RAILROADS

Formal Complaints

F. C. No. 771, J. E. Leavitt et al. vs Boston and Maine Railroad. Request to have Train No. 121 make flag stop at Pine Point. Received statement from representative of complainants that the complaint had been adjusted satisfactorily. Dismissed.

F. C. No. 778, Maine Central Railroad Company vs Itself, re: sidetrack agreements. Notice of investigation issued. Pending.

F. C. No. 780, United Commercial Travelers, Bangor, vs Maine Central Railroad Company. Complaint of inadequate, unreasonable and insufficient train service between Bangor

and Northern Maine Junction. Cause of complaint removed. Dismissed.

F. C. No. 786, C. Philip Staples et al. vs Maine Central Railroad Company, re: train service Bangor to Mattawamkeag. Stopping of through trains inexpedient. Schedule changed to accommodate long-haul passengers. Dismissed.

F. C. No. 787, Public Utilities Commission vs Maine Central Railroad Company, re: train service Inhabitants of Kingman. Hearing held. Stopping of through trains inexpedient. Schedule changed to accommodate long-haul passengers. Complaint dismissed.

F. C. No. 790, The American Agricultural Chemical Company et al. vs Belfast and Moosehead Lake Railroad Company, Maine Central Railroad Company and Bangor and Aroostook Railroad Company, re: rates, tolls and charges. Hearing held. By agreement of parties case was dismissed without prejudice.

F. C. No. 802, G. L. Lougee et al. vs Bangor and Aroostook Railroad Company, re: closing station at New Limerick. Company agreed to reopen station and complaint was dismissed.

F. C. No. 809, Ralph W. Cram et al. vs Maine Central Railroad Company, re: electric lights in West Baldwin Station. Hearing held. Requested service not justified. Complaint dismissed.

F. C. No. 815, G. A. Buker et al. vs. Maine Central Railroad Company, re: non-stop of Train No. 57 at Thomaston. Hearing held. Railroad company ordered to change schedule so that Train No. 57 will make regular stop at Thomaston.

As above shown there were nine formal complaints filed against steam railroads, for the period ending June 30, 1930, upon which four hearings were held. Seven of the complaints involved the matter of service, one intrastate rates and one relating to side-track agreements. All have been disposed of except the complaint re side-track agreements, which is still pending.

Reparations

Total number of reparation cases coming before the Commission 28, upon which reparation has been ordered in the total amount of \$3,022.54, as follows:

Maine Central Railroad Company and Bangor and Aroostook Railroad Company jointly	\$54.40
Maine Central Railroad Company and Belfast and Moosehead Lake Railroad Company jointly	60.00
Sandy River and Rangeley Lakes Railroad	200.00
Maine Central Railroad Company	325.20
Bangor and Aroostook Railroad Company	2,382.94

Total	\$3,022.54
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Railroad Docket (General)

R. R. 1463. Petition of Municipal Officers of Portage Lake. Re: crossing tracks of Bangor and Aroostook Railroad Company at Portage Lake. Dismissed.

R. R. 1467. Bangor and Aroostook Railroad Company. Re:

location Branch Railroad Track in Town of Mapleton. Hearing held. Authority granted.

R. R. 1472. Maine Central Railroad Company. Re: alteration or amendment to present order with respect to protection at Main Street Crossing, Ellsworth. Hearing held. Maine Central Railroad Company ordered to protect crossing by flagman during the 24-hour period.

R. R. 1473. Maine Central Railroad Company. Re: location of branch track at Ellsworth to serve warehouse of Milliken-Tomlinson Company. Hearing held. Authority granted.

R. R. 1475. Boston and Maine Railroad. Re: maintaining cross buck warning signs at Highway Crossings where flash-light signals are or hereafter may be used. Dismissed without prejudice.

R. R. 1486.1. Maine Central Railroad Company. Re: taking of land in the Town of Perry. Hearing held. Authority granted.

R. R. 1491. Petition of Municipal Officers of the town of Rangeley. Re: crossing tracks of the Maine Central Railroad. Disposition: the subject matter being contained in a subsequent petition, case dismissed.

R. R. 1492. Municipal Officers of Saco vs Boston and Maine Railroad. Re: alteration of a certain crossing in the city of Saco. Pending.

R. R. 1500. Boston and Maine Railroad. Re: elevation of bridge in Wells. Hearing held. Case dismissed.

R. R. 1502.1. Canadian National Railway Company. Re: approval of lease of elevators to Stratton Grain Company. Authority granted.

R. R. 1503. Sandy River and Rangeley Lakes Railroad Company. Re: approval of Highway crossing its tracks in the town of Freeman. Hearing held. Authority granted.

R. R. 1506. Municipal Officers town of Jay. Re: abolishment of certain grade crossings on Maine Central Railroad on the highway leading from Jay Bridge, so-called, to Livermore Falls and the highway leading from above-mentioned highway to Stone's Corner, so-called. Two hearings held. Case dismissed.

R. R. 1516. Maine Central Railroad Company. Re: approval of branch track in the city of Lewiston and taking land of Wallace L. Carville. Hearing held. Authority granted.

R. R. 1522. Municipal Officers of City of Portland. Re: Marginal way crossing tracks of Portland Terminal Company. Hearing held. Authority granted.

R. R. 1528. Municipal Officers of Rangeley. Re: certain street or way crossing tracks of Maine Central Railroad Company. Hearing held. Case dismissed.

R. R. 1529. Dexter and Piscataquis Railroad Company. Re: issuance of Mortgage Deed of Trust to the First National Bank of Portland, Trustees. Authority granted.

R. R. 1535. State Highway Commission vs. Maine Central Railroad Company and Bangor Hydro-Electric Company. Re: alteration Tin Bridge, Bangor. Dismissed due to filing of new petition.

R. R. 1536. Petition of State Highway Commission that Maine Central Railroad Company install, operate and maintain automatic signal at crossing of State Highway "N" and Maine Central Railroad near Waukeag Station in the town of Hancock. Hearing held. Company ordered to install

and operate automatic signal of the red double flashing light and bell type at said crossing.

R. R. 1546. Bangor and Aroostook Railroad Company. Re: approval of location at the West Branch of Penobscot River in Indian Township No. 3. Hearing held. Authority granted.

R. R. 1551. Petition State Highway Commission. Re: abolishment Hammond Street Crossing in the town of Hermon on line of Maine Central Railroad Company. Hearing held. Authority granted.

R. R. 1552. Petition State Highway Commission for relocation of railroad crossing Maine Central Railroad Company in town of Peru. Three hearings held. Decree issued ordering closing of crossing and substitution of overhead bridge.

R. R. 1553. State Highway Commission vs Maine Central and Bangor Hydro-Electric Company. Re: alteration Tin Bridge Crossing, Bangor. Five hearings held. Authority granted.

R. R. 1557. Municipal Officers of Auburn vs Grand Trunk Railway Company. Re: installation of automatic signal at Hotel Road Crossing near Danville. Hearing held. Case dismissed.

R. R. 1558. Municipal Officers of Auburn vs Maine Central Railroad Company. Re: installation of automatic signals near Littlefields Corner, Auburn. Hearing held. Authority granted.

R. R. 1561. S. Parker Foss et al vs Maine Central Railroad Company. Re: investigation of crossings at Freeport, and installation of automatic signals at certain crossings. Hearing held. Company ordered to install signals at Main, Bow, West and School Street crossings in the town of Freeport.

R. R. 1571. Petition of Municipal Officers city of Portland for alteration of Veranda Street Crossing and its approaches on Canadian National Railway. Two hearings held. Authority granted.

R. R. 1572. Canadian National Railway. Re: alteration of Veranda Street Crossing, Portland. Hearing held. Case dismissed.

R. R. 1574. Petition State Highway Commission that Bangor and Aroostook Railroad Company install automatic signal at grade crossing at State Highway "K" and Bangor and Aroostook Railroad near Fort Kent Station. On receipt of information that a wig-wag signal had been installed Commission dismissed the case.

R. R. 1575. Maine Central Railroad Company. Re: discontinuance operation of gates at Main Street Crossing, Freeport, and substitution of automatic signal system. Hearing held. For decree see R. R. No. 1561.

R. R. 1582. State Highway Commission. Re: location of crossing at Carmel on line of Maine Central Railroad Company. Three hearings held. Pending.

R. R. 1583. Municipal Officers of Portage Lake. Re: petition that a certain way be permitted to cross the tracks of Bangor and Aroostook Railroad Company. Hearing held. Authority granted.

R. R. 1584. Maine Central Railroad Company. Re: change of protection at Depot and Main Street crossings at Livermore Falls. Hearing held. Company ordered to install automatic signals.

R. R. 1586. Maine Central Railroad Company. Re: protection Kiln Crossing, Rockland. Hearing held. Company ordered to install automatic signals.

R. R. 1595. Petition State Highway Commission for installation of automatic signal at Gray Road Crossing on Maine Central Railroad. Hearing held. Authority granted.

R. R. 1598. Mattawamkeag and Northern Railway Company. Re: extension of corporate existence and powers. Hearing held. Decree issued extending corporate existence

and powers for a period of three years from May 10, 1930.

R. R. 1603. Petition of Clyde R. Ames et al for discontinuance of whistling by Maine Central Railroad in Farmingdale. Hearing held. Decree issued that whistling be discontinued

at a certain crossing in Farmingdale.

R. R. 1608. Maine Central Railroad Company. Re: alteration overhead bridge crossing known as Company Farm Bridge in the town of Brunswick. Hearing held. Authority granted.

R. R. 1609. Maine Central Railroad Company. Re: alteration overhead bridge crossing known as Captain Orr's Bridge in the town of Freeport. Hearing held. Authority granted.

R. R. 1611. Portland Terminal Company. Re: location of a branch track in the city of Portland to the warehouse of Dartmouth Real Estate Company. Hearing held. Authority granted.

R. R. 1616. Petition of Selectmen of Rangeley. Re: approval of a certain way crossing the tracks of the Maine Central Railroad Company. Hearing held. Pending.

R. R. 1619. Maine Central Railroad Company. Re: approval of purchase of stock of Upper Coos Railroad. Hearing held. Authority granted.

R. R. 1622. Maine Central Railroad Company. Re: reopening General Order 1244 and installation of automatic signals at eight different crossings. Pending.

R. R. 1623. Bangor and Aroostook Railroad Company. Re: location of spur track in town of Caribou. Hearing held. Authority granted.

R. R. 1626. Petition of State Highway Commission. Re: installation of automatic signals in town of Orrington. Hearing held. Pending.

R. R. 1628. Petition of Grecni & Ellis, Inc. Re: construction of plant railroad track in Frankfort. Hearing held. Pending.

R. R. 1632. Petition of Selectmen of Blaine for approval of a certain way crossing the station grounds of Bangor and Aroostook Railroad Company. Pending.

R. R. 1634. Maine Central Railroad Company. Re: alteration of Second Street Crossing, Hallowell. Pending.

R. R. 1635. Petition of State Highway Commission. Re: alteration of grade crossing at Bingham on line of Maine Central Railroad. Pending.

R. R. 1636. Petition of State Highway Commission for closing of town road grade crossing in the town of Jay and the substitution of another grade crossing. Pending.

There were filed under Steam Railroad Docket during the period covered by this report, as above shown, forty-nine petitions, upon which forty-three hearings were held. Thirteen petitions involved the matter of crossing protection. Thirteen

were for the alteration of grade crossings. Eight were for approval of highways crossing tracks. Seven were for approval of location of railroad tracks. Two were for the elimination of grade crossings and one each for the taking of land for railroad purposes, extension of corporate existence of railroad, approval of purchase of stock of another railroad, approval of lease, elevation of bridge and approval of mortgage deed of trust. There are eight pending cases.

GRADE CROSSINGS

The automobile at railroad-highway crossings is a serious problem and should command the attention of every thoughtful citizen. The ideal solution of this problem is separation of the grades. This is not attainable owing to the extreme cost. A number of grade crossings have been eliminated during the past two years and others are under construction. This has been accomplished through the cooperation of the State Highway Commission, the railroads, the towns in which the crossings are located, and this Commission. Warning signs have been installed under the direction of our Inspectors at all grade crossings, and additional warning signs have been placed at many grade crossings throughout the state by the State Highway Commission.

Chapter 140, Public Laws of 1929, amends Section 37 of Chapter 24 of the Revised Statutes relating to the appropriation for the abolishment of grade crossings by substituting \$15,000 annually for \$10,000 annually.

This appropriation is cumulative as before, so that the unexpended balance for any year is available for use in succeeding years. The object and purpose of said Section 37 as amended is to provide, so far as possible, for the progressive elimination of and improvement in railroad-highway grade crossings.

The cost of such alteration in many cases is very great and the increase in the appropriation has made possible the abolition and improvement of several such crossings which would not otherwise have been possible during the period covered in this report.

The tragic record of grade crossing accidents shown in another part of this report clearly demonstrates the importance of this work.

It is logical to assume that education of the traveling public to the exercise of a reasonable degree of care when approaching and passing over railroad crossings will have a good effect in reducing such accidents. Basically, railroad crossings should be constructed as safe as possible for highway traffic and be uniformly designated. Due and timely warning should be given of the approach of trains. A traveler upon the highway, par-

ticularly the driver of an automobile, should be charged with full responsibility for his conduct in approaching and passing over railroad crossings. Every driver of a motor vehicle over a railroad highway crossing owes to himself, his passengers and to the employees and passengers on trains a positive duty to "Cross Crossings Cautiously." Obeying this simple injunction would in itself doubtless save many lives.

Informal Complaints

Ten informal complaints have been filed against steam railroads during the period of this report. One was closed for want of prosecution. Cause of complaint was removed in five cases. The remaining four were otherwise disposed of.

Four requests for free transportation for charitable and benevolent purposes under Section 34 of Chapter 55 of the Revised Statutes, as amended, have been approved.

One hundred ninety-three petitions were filed by steam railroad companies for permission to file rates on less than statutory notice. Petitions granted. Decisions rendered accordingly.

ELECTRIC RAILROADS

Formal Complaints

F. C. No. 766. Public Utilities Commission vs Calais Street Railway, re: complaint of St. Croix Gas Light Company alleging respondent furnishing electric service without charter rights in the city of Calais. Subsequent to filing of complaint attorney for the real complainant advised the Commission that St. Croix Gas Light Company had purchased the property of Calais Street Railway and requested that the complaint be dismissed. Dismissed.

F. C. No. 784. Bertelle L. Taylor et al. vs The Androscoggin and Kennebec Railway Company. Protest against discontinuance of Hallowell waiting room. Cause of complaint removed. Dismissed.

Railroad Docket (General)

R. R. No. 1466. The Androscoggin and Kennebec Railway Company, re: abandonment of Augusta-Winthrop branch. Two hearings held. Authority granted.

R. R. No. 1537. State Highway Commission, re: installation automatic signal by Bangor Hydro-Electric Company at grade crossing of Bangor and Belfast highway and Bangor Hydro-Electric Company trolley tracks, near town line, in the town of Hampden. Dismissed.

R. R. No. 1538. Petition State Highway Commission, re: installation of automatic signal at the grade crossing of the Bangor and Belfast highway and Bangor Hydro-Electric Company trolley track, east of Souadabscook Stream, in the town of Hampden. Dismissed.

R. R. No. 1539. State Highway Commission, re: installation automatic signal at grade highway crossing of the Port-

land and Yarmouth highway and the trolley tracks of Cumberland County Power and Light Company located about 700 feet east of the east end of the trestle over the Presumpscot River. Dismissed.

R. R. No. 1541. Bangor Hydro-Electric Company, re: abandonment of service on Charleston Branch. Four hearings held. Authority granted.

R. R. No. 1542. The Androscoggin and Kennebec Railway Company, re: abandonment of service between Brunswick and Yarmouth. Hearing held. Authority granted.

R. R. No. 1625. Biddeford and Saco Railroad Company, re: renewal of crossing frogs and rails. Hearing held. Pending.

Seven petitions were received under the general Electric Railroad Docket for the period of this report, as above indicated. Three were for the abandonment of service; three were for installations of automatic signals at crossings and one for the renewal of frogs and rails at railroad crossing. One case is pending.

ABANDONMENT PROCEEDINGS

Petitions in the nature of abandonment proceedings have come before the Commission during this period in the following cases, affecting service over certain portions of electrical lines operated within the state, viz:

R. R. No. 1466, Re The Androscoggin and Kennebec Railway Company, Petition for Abandonment of Augusta-Winthrop Branch, decided September 14, 1928.

R. R. No. 1541, Re Bangor Hydro-Electric Company, Petition to Abandon Service on Bangor-Charleston Line, decided June 17, 1930.

R. R. No. 1542, Re The Androscoggin and Kennebec Railway Company, Petition for Abandonment of Brunswick-Yarmouth Branch, decided August 28, 1929.

In the matter of procedure in these cases the Commission has been confronted by the question as to whether it had authority to consent to or to authorize the abandonment of service by a public utility, since we have no statute specifically conferring such powers upon the Public Utilities Commission. The principles upon which we have proceeded, however, are set forth in our decision in the Augusta-Winthrop case as follows:

“Applying these—(opinion Supreme Judicial Court by Chief Justice Wilson, in Re Searsport Water Company, 118 Me. 382)—broad views to the service of a utility, one sees the purpose of the public utility law to be inclusive and definite in entrusting to the Commission the entire regulation and control of all public service corporations, in respect of service as well as rates. It is readily seen, upon reflection, there is little practical difference between the refusal to order an abandoned service restored, upon complaint and after public hearing, and the giving of consent, in advance, to the aban-

donment of the same service after such public hearing. If a utility voluntarily and unwarrantedly discontinues the service, while still exercising its charter rights, the Commission may command restoration of service after hearing, but the public complaining is deprived of its accustomed use of the utility's facilities, during at least twenty days which must intervene while statutory notices are given. The complaining public ordinarily has no dependable information concerning earnings and other controlling facts and presents its complaint invariably without adequate preparation. Upon it rests a burden it is ill prepared to sustain. On the contrary, in a hearing for consent to abandon, upon the utility's petition the utility must prove by cogent evidence facts which justify the proposed final termination of its former service."

After exhaustive hearings and careful studies of the evidence submitted the Commission was forced to the conclusion that the utility in each of these cases was justified in abandoning its service. It was apparent that the continued operation of the lines sought to be eliminated would result in a loss which the system as a whole could not afford to sustain in continuing to serve the public. The improvement of highways and resulting increased use of automobiles and trucks by former patrons of these various lines in each instance bore a conspicuous part in the steady decline in the operating revenue of the respective companies.

Our decisions in these cases dealing with the various phases of the issues involved are too voluminous to quote in this report but are on the files of the Commission, and as to the "Augusta-Winthrop" and "Charleston" cases, may be found in PUR 1928 E, P. 347, and advance sheets of PUR Fortnightly of September 18, 1930, P. 336, respectively.

Only one informal complaint was filed during this period.

Thirty-seven petitions were received from electric railroad companies for permission to file rates on less than statutory notice and one for the issue of securities.

GAS COMPANIES

There were no Formal Complaints filed against Gas Companies during present period. Two Informal Complaints were received. Seven petitions were filed for sale of property, increase of capital stock, to extend and furnish service and to issue securities. Five petitions were received asking to file rates on less than statutory notice. All of these matters have been acted upon and disposed of.

Rates:

During the period covered by this report, rates for gas, other than for Portland, have been revised to a basis which eliminated the long standing monthly minimum charge of 50 cents. The new rates impose an initial or customer charge of

\$1.00 per month, which permits a use of approximately 200 cubic feet of gas. For consumptions in excess of the minimum allowance graduated rates, which are lower than previous rates, have been established and are applicable to designated volumes of gas supplied. The effect of the modified rates while constituting an increase to the relatively small consumers, affords a reduction in the price of the service furnished those having a medium or substantial use of gas in homes and commercial fields.

The use of gas has, within a comparatively short time, been offered in competition with other forms of fuel for general heating and large industrial purposes, and in order to secure such classes of customers, the utilities have established rates to attract the business.

WHARFINGERS

No cases during the present period.

TELEGRAPH COMPANIES

No cases during the present period.

EXPRESS COMPANIES

Formal Complaints

F. C. No. 827, Alfred N. Jacques et al. vs Railway Express Agency, re: service in Augusta. Cause of complaint removed. Complaint dismissed.

Informal Complaints

There was one informal complaint filed during the period. Cause of complaint removed. Case closed.

Utilities Docket

There was one petition filed by an express company seeking approval of issue of capital stock for the purpose of carrying out its corporate powers. Authority granted and decision issued accordingly.

Three petitions were filed seeking permission to file rates on less than statutory notice. Authority granted.

PULLMAN COMPANIES

No cases during the present period.

MISCELLANEOUS DOCKET

During the period ended June 30, 1930, there were eleven miscellaneous petitions received. Seven were for the approval

of plans for sewer systems. Two were for the approval of water system plans. One was for extension of time within which to comply with Safety Code, re grounding. One was for authority to change location of calorimeter from store to gas plant. One of these petitions is pending; all others have been disposed of.

COMMISSION DECISIONS

During the two year period ended June 30, 1930, the Commission issued five hundred ninety-nine formal decisions classified as follows:

Railroad Docket	285	Accident Docket	66
Utilities Docket	159	Miscellaneous Docket	1
Formal Complaints			—
Docket	65		599
Contract Docket	23		

LAW COURT CASES

The following cases have been before the Law Court on exceptions taken to the rulings of this Commission—

F. C. No. 792, Ernest W. Gilman et al., Complainants, vs. Somerset Farmers Co-operative Telephone Company, and Maine Telephone and Telegraph Company, Respondents; U. No. 982, Central Maine Power Company for Approval of Issue of Common Stock; and U. No. 1111, Public Utilities Commission vs. Milo Water Company.

Somerset Farmers Telephone Case

The complainants in F. C. No. 792, the Telephone Case, asked for a physical connection between the lines of said companies. After hearing the Commission ordered the companies to establish and maintain physical connection of their respective lines at a convenient point within each exchange area in which both said companies maintain and operate a telephone exchange, under rules and regulations established by the Commission whereby messages originating on lines of one company destined for points on the lines of the other company should be transferred at point of connection nearest the origin of the call, except as to long distance calls originating outside or beyond the local territory, which should be transferred to the lines of complainant company at point of connection nearest the destination of the call. Commission provided that charges on interchanged business be made in accordance with the established rates of the respondent company.

Respondents' exceptions alleged ten separate grounds of appeal which the Court grouped into three classes—as follows:

"In the first class is a single exception. This attacks the jurisdiction of the Commission on the ground that the Somerset Company is not a public utility. Exception in the next class asserts findings of fact to be unsupported by any substantial evidence. In the third class exceptions allege that the requirement respecting the transfer of messages exceeds the delegation of regulatory power."

The exceptions were overruled as to the first and second classes. In sustaining the exceptions of the third class Mr. Justice Dunn expressing the opinion of the Court said:

"The principle of requiring physical connection of telephone lines, for public convenience and in furtherance of public necessity, was first recognized as applied to railroads. *Michigan Central Railroad Company v. Michigan Railroad Commission*, 236 U. S., 615, 59 Law ed., 750. As to railroad companies, transportation charges are automatically apportioned between the two carriers, one receiving compensation for that part of the service rendered up to, and the other beyond, the connecting point. Analogy is apparent.

Requirement, fair and reasonable, that one public telephone utility connect its lines with those of another, would not amount, in a constitutional sense, to a taking of property. But, in the words of a witness for the complainants, 'a connection unreasonably depriving a telephone company of the right to use its own lines, is an injustice.'

The Public Utilities Commission may, to some extent, affect and curtail the property and property rights of public utilities, but the Commission may not, under the guise of supervision, regulation and control, take such property and rights. Property and property rights may not be taken, except the taking be by eminent domain. *New England Telephone, etc. Co. v. Department of Public Utilities*, supra.

In the instant case the Public Utilities Commission has transcended its powers.

Exceptions sustained."

Milo Water Company (Sewer) Case

U. No. IIII, Public Utilities Commission vs. Milo Water Company, was an outgrowth of Chapter 84 of the Private and Special Laws of 1929 relating to the sewer division of the Milo Water Company, and provides:

"... Such sewer system is hereby declared to be a public utility and as such subject to all the provisions of Chapter 55 of the Revised Statutes of 1916 and acts amendatory thereof and additional thereto. . . ."

Acting under the mandate of the Legislature this Commission required the Milo Water Company to file with this office schedules of its rates, tolls and charges in accordance with the provisions of Chapter 55 of the Revised Statutes, whereupon the Water Company filed exceptions to the rulings of the Com-

mission, with assignment of errors, raising the question of the constitutionality of the Legislative act above quoted.

Two questions were presented for our consideration—(1) Has this Commission jurisdiction to pass upon the constitutionality of a Legislative Act? (2) If the Commission has such jurisdiction is this act constitutional? These precise questions came before the Commission in this case for the first time. We took the position that our jurisdiction is determined by the Legislative Act under which the Commission was created, together with the acts amendatory thereof under which it is operating, and that no power may be assumed which is not therein granted. This Commission is not a formal part of our judicial system. It is a tribunal of limited jurisdiction. It was created by the Legislature as an administrative body and not clothed with judicial powers, although performing certain quasi-judicial functions, such as fixing rates and charges of public utilities, but its authority is quasi-judicial only. We held that since Legislative enactments are presumed to be constitutional and that all reasonable doubts must be solved in favor of the constitutionality of an act, that regardless of our views upon the constitutional question involved, the sewer system of the Milo Water Company is a public utility, made such by virtue of Chapter 84 of the Private and Special Laws of 1929. Our decision is on file, and may be found in PUR 1930 C, Page 212.

The Law Court ruled that the act was unconstitutional and in sustaining the exceptions Chief Justice Pattangall, speaking for the Court, said:

“The jurisdiction of the Public Utilities Commission is expressly limited by the terms of the act creating it to the utilities enumerated therein. Sewage companies are not included, whether maintained and operated independently or in connection with water companies.

While the constitutionality of a law is presumed until the contrary is shown beyond a reasonable doubt, it is the plain duty of the Court to pronounce invalid an act which violates an express mandate of the constitution, even though the legislature has determined such an act to be expedient and necessary.

The inhibition of the Fourteenth Amendment that no state shall deprive any person within its jurisdiction of the equal protection of law was designed to prevent any person or class of persons being singled out as a special subject for discriminating legislation. Hostile and favoring legislation are equally inhibited.

Legislation which designates the sewer system maintained by the Milo Water Company alone as a public utility and which therefore makes a separate classification of that sewer system is discriminatory and void because in direct violation of the Fourteenth Amendment.

Exceptions Sustained.”

"Bond Discount" Case

U. No. 982, Central Maine Power Company re Approval of Issue of Common Stock, is the so-called "Bond Discount" case which came before the Commission on petition bearing date of February 14, 1928, requesting the approval of 7,913 shares of common capital stock of the company for the purpose of the discharge and lawful refunding of its obligations incurred in providing, as alleged by the company, necessary funds for the acquisition of property used for the purpose of carrying out its corporate powers and the construction, completion, extension and improvement of its facilities, and the improvement and maintenance of its service, to the amount of \$791,386.61, which was the amount of unamortized discount on the several bond issues of the Central Maine Power Company at the date of the petition.

As the Commission viewed the case under the facts presented, which were not in dispute, the Company sought authority from this Commission to issue this stock for the purpose of discharging short term obligations which the petitioner states and the evidence shows were incurred by reason of selling its various issues of bonds at a discount. This petition was denied and our decision is on file. The Company appealed from the decision of the Commission and exceptions have been certified to the Law Court, where the case is now pending.

The Attorney General represents the Commission in the Law Court proceedings in this case, which is attracting wide attention throughout the country by reason of the fact that the issues have never been directly passed upon by any Court of Appeal. Various Commissions have considered the problem from a variety of angles, some deciding one way and some another, although the weight of opinion has been against capitalizing bond discount. This case will be argued in the Law Court sometime during the coming fall and the decision will be awaited with much interest.

NON UTILITIES SUBJECT TO LIMITED JURISDICTION OF COMMISSION

The Legislature has from time to time conferred upon the Commission, in addition to its general jurisdiction, certain powers and duties in regulating the affairs of the following activities which are not defined by statute as utilities:

Motor Vehicles (Jitneys)

The Commission has jurisdiction over every person, firm or corporation operating any motor vehicle or vehicles upon any public street or highway for carrying of passengers for hire over regular routes between fixed termini within the State.

We are authorized to make such rules and regulations gov-

erning the operations of such motor vehicles as shall safe-guard the passengers and the rest of the traveling public using the streets and highways of the State.

The matter of regulation of Interstate Busses is one of the problems of the State Commissions. It is probable that Congress will soon place this class of transportation under the jurisdiction of the Interstate Commerce Commission, the regulation to be carried out in cooperation with the several State Commissions. This will require some Legislation by the States, but until such time as this law is passed by Congress, we shall withhold our recommendation.

During the period covered by this report the Commission has held 33 public hearings and 69 certificates have been issued to persons, firms or corporations to operate motor vehicles in accordance with the provisions of law.

Steamboats and Motor-Boats

The Commission has jurisdiction over every person, firm or corporation owning or operating any steamboat or motor-boat upon inland waters for the transportation of passengers or freight for hire. Under the statute the Commission is authorized to employ inspectors, engineers or other assistants to carry out the provisions of law. There is employed for that work one steamboat and motor-boat inspector whose work commences immediately after the ice is out of the lakes and streams and continues until late fall. His work consists chiefly of inspecting the hull, engine, boiler, boats and equipment of every steam and motor boat coming under the provisions of the statute. The registration of steam and motor-boats and the licensing of operators thereof are under the jurisdiction of the Commission.

Aid to Navigation

The placing of buoys and the removal of obstructions in channels and other places in inland waters and the maintenance of lights thereon are under the jurisdiction of the Commission and the work is supervised by our Steamboat and Motor-Boat Inspector. All buoys and lights are inspected each year and renewals and repairs are promptly made. The extremely low water during the past two years has permitted the removal of obstructions, which were hazardous to navigation, from channels and other places in inland waters.

Water Resources Division

The Maine Water Power Commission, the agency which formerly performed the duties of the Water Resources Division, was abolished on June 30, 1923. The Governor at that time

felt that the essential part of the work, namely, the collection of stream flow data, precipitation and evaporation and the continuation of the topographic mapping work could be expeditiously handled by the Public Utilities Commission and accordingly this activity was transferred to this department. At that time arrangements were made with the United States Geological Survey to assign Mr. M. R. Stackpole, who had been with the Water Power Commission for three years, to continue the supervision of the work so that there would be no break in the continuity of the records of the office.

The Public Utilities Commission continued under that working arrangement until July 1, 1925, when by authority of Chapter 187 of the Public Laws of 1925 it was made responsible for the collection of information relating to the water powers of the State, the flow of rivers and their drainage area, the location, nature and size of the lakes and ponds in the State and their respective value and capacity as storage reservoirs, and such other hydrographic data as they may deem of value in devising the best methods for the improvement of the natural basins of the State, and the creation of new storage reservoirs, with a view to conserving and increasing the water powers of the State. Said Act authorized the Commission to confer with the Director of the United States Geological Survey and accept its cooperation.

Prior to September 1, 1928, all contact with the United States Geological Survey was had through the Boston office. Upon that date Maine was set off as a separate district with Mr. Stackpole as District Engineer.

During the period of this report the work of stream gaging and collection of data relative to precipitation and evaporation has been carried on.

Some of the stream gaging stations established by the old Topographic Commission as long ago as 1901 are still in use and these long time records are of great value. Much of the work of collecting base data on Water Resources must be done in anticipation of further hydraulic developments and as the State's water supply is drawn upon to a greater and greater extent these records become of untold value. By our cooperation with the United States Geological Survey the work is coordinated with that of the Federal Government and we obtain the benefit of all the experimental work and methods which have been perfected by the Survey.

The cost to the State for maintaining the Water Resources Division during the past two years has been very much less on account of a large amount of cooperation from the engineers of the United States Army. That organization has provided for the improvement and operation of many of the stations

which the State operated prior to 1928 and the records of the office have been extended and improved.

There is an agreement with the United States Geological Survey whereby the State pays a portion of the engineer's salary, depending upon the amount of time which he devotes to State work.

Topographic Mapping

The Commission is authorized by Section 10 of Chapter 187 of the Public Laws of 1925 to confer with the Director or the representative of the United States Geological Survey and accept its cooperation in the prosecution of hydrographic and geological surveys and the preparation of a contour topographic survey and map of the State.

In order to complete the topographic mapping of the State and to revise existing United States topographical maps of certain areas so that a complete and accurate map of the State may be obtained to meet the urgent needs of State government, of the Federal government and of all individuals who desire reliable information regarding the natural resources of the State, the Legislature by Chapter 74 of the public laws of 1927 appropriated the sum of \$25,000 annually for a period of two years, and \$50,000 annually for seven years thereafter on condition that the United States government by its duly authorized agents shall apportion an equal amount to be expended for the same purposes within the State. The United States Geological Survey acting for the United States government has each year matched the appropriation of the State.

Acting under the provisions of Section 4 of said Chapter 74 the Commission entered into cooperation with the United States Geological Survey for the period ended June 30, 1929, whereby

"The total expense of executing field surveys and the office preparation of the resulting maps for publication shall be divided between the two contracting parties in such manner as to equalize all expenses, provided that the State of Maine shall expend \$25,000 for the period ending June 30, 1929, and that the U. S. GEOLOGICAL SURVEY shall expend \$25,000 during the same period, the Federal allotment to bear a charge of 12½ per cent, which shall be set aside to pay certain administrative and operating expenses incidental to cooperative mapping for which no charge is made against the cooperative funds. All accounts shall be approved by a representative of the U. S. GEOLOGICAL SURVEY and settled in conformity with rules and regulations governing the payment of Federal or State accounts."

A similar cooperative agreement for the year ended June 30, 1930, was entered into except that the State fund was \$50,000.

During the period of this report final sheets have been issued for Dixfield, Rumford and Katahdin quadrangles and advance sheets have been issued for the following portions of the State: Caribou, Eagle Lake, Portage, Winchell, Winterville, all in Aroostook County, Chain Lakes, Phillips and Skinner, all in Franklin County and Robbinston in Washington County.

The field work on the Brooks, Beddington and Calais quadrangles was completed during the period but the maps have not been printed. The present plans of the Geological Survey call for the completion of the field work on fourteen additional quadrangles during the calendar year 1930.

Forty-nine per cent of the State had been surveyed and mapped on June 30, 1930.

The completion of the topographic mapping has been hastened by the increased appropriation by the State and the program as set up by the United States Geological Survey contemplates the completion of the mapping on June 30, 1936.

TOLL BRIDGES

Carlton Bridge

The Carlton Bridge, located over the Kennebec River between Bath and Woolwich, was constructed under the provisions of Chapter 89 of the Public Laws of 1925, and is under the management of the State Highway Commission.

Section 6 of said Chapter 89 ordains that the bridge when constructed shall be operated as a toll bridge and the Public Utilities Commission was authorized and directed to establish and promulgate tolls to be charged, having regard to the value of the service rendered, and the requirements for upkeep, maintenance, repairs and operation of said bridge and for the providing of payment of interest on and the retirement of bonds. The Commission was further authorized to establish and maintain from time to time new tolls applicable to the traffic over said bridge. The Commission from time to time has established and promulgated the tolls now in effect.

Waldo-Hancock Bridge

Chapter 126 of the Private and Special Laws of 1929 authorized the construction of a bridge over the Penobscot River in the vicinity of Bucksport and when completed will be under the management of the State Highway Commission. Section 6 of said Chapter 126 authorizes and directs the Public Utilities Commission to establish and promulgate tolls to be charged for the use and crossing of said bridge by vehicles and other traffic having regard to the value of the service rendered and the requirements for upkeep, maintenance, repairs and opera-

tion of said bridge and the providing for the payment of interest on and the retirement of bonds. The Commission is further authorized to establish and promulgate from time to time new tolls to be charged for passage over said bridge. The bridge is under construction and when completed the Commission will comply with the provisions of Section 6 of said Chapter 126. Section 11 of said act provides that the Directors of Waldo-Hancock Bridge may acquire the physical properties of the Winterport Ferry Company and the Bucksport and Prospect Ferry Company at a valuation to be fixed by the Public Utilities Commission or by three commissioners appointed by the Chief Justice of the Supreme Court on petition by either ferry company or the Directors of the bridge.

Maine Kennebec Bridge

The Legislature by Chapter 118 of the Private and Special Laws of 1929 authorized the construction of "Maine Kennebec Bridge" over the Kennebec River from a point in Richmond to a point in Dresden. Section 8 of said Chapter has the same provisions as contained in the charter of the Carlton Bridge and will be carried into effect if and when the bridge is completed.

In closing our report we wish to express to the men and women in the Department our earnest appreciation of their loyalty and efficient work.

Respectfully submitted,
ALBERT J. STEARNS,
HERBERT W. TRAFTON,
ALBERT GREENLAW,
Public Utilities Commission of Maine.

FINANCIAL STATEMENT

The following is a statement in tabular form of the expenses of the Commission for the year ended June 30, 1929.

Appropriation for Salaries and Clerk Hire		\$50,000.00
Salaries of Commissioners	\$14,000.00	
Salary of Clerk	3,250.00	
Salary of Reporter	2,100.00	
Salary of Ass't Reporter	1,590.00	
Salaries of Stenographers	6,496.50	
Salaries of Accountants	4,816.57	
Salary of Rate Chief	2,750.00	
Salary of Chief Engineer	2,750.00	
Salaries of Ass't Engineers	2,287.76	
Salary of Steamboat Inspector	1,188.00	
Salaries of Inspectors	4,775.00	
Total Salaries		<u>46,003.83</u>
Balance unexpended		3,996.17
Appropriation for General Office Expenses		\$20,500.00
Expenses Executive Department:		
Traveling Expenses	\$2,142.72	
Office Supplies and Expenses	1,446.62	
Office Equipment	665.25	
Postage	490.97	
Printing and Buying Forms	11.06	
Printing General Orders	6.75	
Express	10.72	
Witness Fees, etc.	10.00	
Books and Periodicals	336.57	
Telephone and Telegraph	497.81	
Nat. Ass'n. R. R. & U. Commissioners	350.00	
Printing Annual Report	1,962.66	
		<u>7,931.13</u>
Expenses Accounting Department:		
Traveling Expenses	182.65	
Printing and Buying Forms	1,256.38	
		<u>1,439.03</u>
Expenses Rate Department:		
Traveling Expenses	267.65	
		<u>267.65</u>
Expenses Engineering Department:		
Traveling Expenses	1,244.86	
Printing Blanks	3.19	
Engineering Equipment	37.90	
		<u>1,285.95</u>
Expenses Steamboat Inspector:		
Traveling Expenses	1,484.47	
		<u>1,484.47</u>
Expenses Inspection Department:		
Traveling Expenses	345.30	
Inspection Steam Railroad	596.71	
Inspection Electric Railroad	113.07	

Accident Investigation	404.10	
Automatic Signals, etc.	22.30	
		<u>1,481.48</u>
Expenses Water Resources:	3,750.94	3,750.94
Total Expenses		<u>17,640.65</u>
Balance Unexpended		2,859.35
Appropriation Aid to Navigation		\$1,250.00
Expenditures	798.55	798.55
		<u>451.45</u>
Balance Unexpended		451.45
Appropriation for Grade Crossings		\$10,000.00
Balance for year ended June 30, 1928		<u>39,153.90</u>
Total Expenditures	10,753.79	49,153.90
		<u>10,753.79</u>
Balance Unexpended		\$38,400.11
Appropriation for U. S. G. S. Cooperative Work		\$15,000.00
Balance for year ended June 30, 1928		2,503.66
Appropriation from State Highway Commission		10,000.00
Total Expenditures		<u>27,503.66</u>
		26,964.71
Balance Unexpended		<u>538.95</u>

The following is a statement in tabular form of the expenses of the Commission for the year ended June 30, 1930.

Appropriation for Salaries and Clerk Hire	\$50,000.00	
Transferred from Appro. for General Office		
Expenses	2,000.00	\$52,000.00
Salaries of Commissioners	14,000.00	
Salary of Clerk	3,599.50	
Salary of Reporter	2,399.67	
Salary of Ass't Reporter	1,565.00	
Salaries of Stenographers	4,700.00	
Salaries of Accountants	5,495.17	
Salary of Rate Chief	3,495.17	
Salary of Chief Engineer	3,130.00	
Salaries of Ass't Engineers	4,586.67	
Salary of Steamboat Inspector	1,638.00	
Salaries of Inspectors	5,216.66	
Salary of Water Resources	1,970.17	
Total Salaries		<u>51,796.01</u>
Balance Unexpended		203.99
Appropriation General Office Expenses	20,500.00	
Transferred to Appro. for Salaries and Clerk Hire	2,000.00	18,500.00
Expenses Executive Department:		
Traveling Expenses	2,414.55	
Office Supplies and Expenses	871.12	
Office Equipment	1,319.94	

Postage	539.00	
Printing and Buying Forms	36.83	
Express	31.16	
Books and Periodicals	424.11	
Telephone and Telegraph	466.38	
Nat. Ass'n. R. R. & U. Commissioners	320.00	6,423.09
<hr/>		
Expenses Accounting Department:		
Traveling Expenses	304.10	
Printing and Buying Forms	663.29	967.39
<hr/>		
Expenses Rate Department:		
Traveling Expenses	112.30	112.30
Expenses Engineering Department:		
Traveling Expenses	1,485.47	
Printing Blanks	99.64	
Engineering Equipment	13.05	1,598.16
<hr/>		
Expenses Steamboat Inspector:		
Traveling Expenses	1,530.24	1,530.24
Expenses Inspection Department:		
Inspection Steam Railroads	1,134.58	
Inspection Electric Railroads	105.12	
Accident Investigation	430.47	
Automatic Signals, etc.	196.46	
Grade Crossing Obstructions	68.80	1,935.43
<hr/>		
Expenses Water Resources	3,851.27	3,851.27
<hr/>		
Total Expenses		\$16,417.88
Balance Unexpended		2,082.12
Appropriation Aid to Navigation		1,250.00
Expenditures	1,100.34	1,100.34
<hr/>		
Balance Unexpended		\$149.66
Appropriation for Grade Crossings	15,000.00	
Balance for year ended June 30, 1929	38,400.11	53,400.11
<hr/>		
Expenditures	18,415.13	18,415.13
<hr/>		
Balance Unexpended		34,984.98
Appropriation for U. S. G. S. Cooperative Work	\$40,000.00	
Balance for year ended June 30, 1929	538.95	
Appropriation from State Highway Comm.	10,000.00	50,538.95
Expenditures		44,464.98
<hr/>		
Balance Unexpended		\$6,073.97
Appropriation for Salary and Expenses of Consulting Engineer		\$7,500.00
Expenditures	400.00	400.00
<hr/>		
Balance Unexpended		\$7,100.00

REPORT OF THE CHIEF ENGINEER

November 5, 1930.

Maine Public Utilities Commission,
Hon. Albert J. Stearns, Chairman,
Augusta, Maine.

Gentlemen:

A report of the activities of the Engineering Department for the period June 30, 1928, to June 30, 1930, is submitted herewith.

The personnel of the department has comprised the chief engineer and two assistant engineers since May 15, 1929, prior to which time but one assistant engineer was employed. Mr. Harold L. Gerrish has been employed throughout the period as assistant engineer in the field of appraisals and service rendered by telephone and electrical companies. Within this field a great deal of time has been devoted to the formulation of Standards No. 3 "Rules and Standards of Service for Electrical Companies." On May 15, 1929, Mr. Howard H. Potter, a graduate civil engineer, was employed. Mr. Potter's experience has been largely that of structural engineering, and since his connection with this department he has been engaged in appraisal of structures, surveys of grade crossing modifications and investigation of water company service and extensions.

During the two-year period 124 cases have been investigated by this department as follows:

Electrical Companies		Adequacy of Service	10
Extension of Service	20	Hazardous Construction)	
Adequacy of Service	5	Inspection of Plant	1
Rates	5	Inductive Interference	1
Appraisals	5		—
Hazardous Construction)			17
Inspections of Plant	7	Gas Companies	
Standards	2	Appraisals	2
Safety Code	2	Standards	2
	—		—
	46		4
Water Companies		Miscellaneous	
Extension of Service	6	Sewage Disposal	8
Adequacy of Service	15	Fatal Electrical Accidents	10
Appraisals	4	Grade Crossing Modifica-	
Rates	7	tions	4
Examination of Plans	2	Bridges	1
	—		—
	34		23
Telephone Companies			
Extension of Service	5	Grand Total	124

A comparison indicates that in the period covered by this report this department was involved in nine less cases than in the period ending June 30, 1926, and in forty-seven more cases than in the period ending June 30, 1928. The practice of con-

ducting technical investigations of fatal electrical accidents in collaboration with the Inspections Department has been continued during this period.

On April 24, 1930, the Commission adopted its Standards No. 3, being "Rules and Standards of Service for Electrical Companies," the effective date to be August 1, 1930. This action established legal regulations delineating limits within which electrical service must be kept. Also regulations regarding meter accuracies, routine meter testing, record of tests, etc., are included. Many of the provisions of these regulations have been performed in the past by a limited number of the larger electrical companies but a large number of companies are faced with the organization and equipment of special forces to perform the duties required. The regulations require the approval of standardizing equipment by the Commission before use in testing meters either by the company owning the equipment or by other companies. This matter is felt to be of much importance and it was planned that the electrical engineer should spend sufficient time to familiarize himself with methods in use in other states and to apply the results of that information in a state wide investigation of the plans and practices of the companies in respect of the regulations. In connection with this work, considerable activity was planned in connection with the Safety Code for Electrical Companies which is a code outlining construction requirements. These plans have not materialized due to the demands of other work which have engaged quite largely the attention of the only engineer which we have for such work. I believe that the full time of one man should be devoted to this work and to similar problems in the telephone company field.

A very prominent part of the work of this department consists of the making of inventories and appraisals of utility property which have been requested by the Commission. The predominating appraisals have been:

1. The property of the Southern District of Maine Public Service Company, formerly Milo Electric Light and Power Company, for rates;
2. The property of the Kittery Electric Company for rates;
3. The property of the Pepperell Manufacturing Company, which was purchased by Cumberland County Power and Light Company, for security issue;
4. The property of Maine Public Service Company and several smaller companies located in Aroostook County for rates.

In the last named appraisal, temporary expansion of the Engineering Department has been necessary.

The services of one assistant engineer have been quite freely

used in studies of circumstances involved in petitions for modifications of railway-highway crossings. In one case, independent surveys were made to check the reasonableness of the plan proposed. It is felt that thorough investigations of such projects should be made in the future.

With one exception, the facilities provided for performing the engineering duties of the Commission are adequate. Recently, a second Monroe calculating machine and a transit have been purchased. Both these instruments are very valuable. During the rush of appraisal computations the Monroe machine is almost indispensable. The crying need of this department is greater office space. At present, three men must share an office about 18 feet by 20 feet. Insufficient room remains after deducting space for desks, drawing table, bookcases, etc., to allow efficient work. Frequent conferences with one or another of the department members inevitably causes the distraction of others' attention.

As in the past, this department has compiled from reports from electrical companies, the data of generation and distribution of electricity by those companies. These data are submitted in tabular form and are, I believe, self explanatory.

Respectfully submitted,

JOHN E. GOODWIN,
Chief Engineer.

JEG:ALB

PUBLIC UTILITIES COMMISSION OF MAINE - STATISTICS OF POWER LIGHTING

NAME OF UTILITY	KILOWATT-HOURS GENERATED FOR DISTRIBUTION BY UTILITIES										INTERCHANGE KWH
	GENERATED BY UTILITIES				PURCHASED FROM OTHER SOURCES				TOTAL GENERATED		
	STEAM	INTERNAL COMBUSTION	HYDRO	TOTAL	GENERATED BY	STEAM	HYDRO	TOTAL	THIS YEAR	LAST YEAR	
Androscoggin Electric Company			38,038,230	38,038,230					38,038,230	35,903,630	11,753,200
Androscoggin and Kennebec Railway Company											9,647,487
Arroostook Valley Railroad											*** 622,930
Armstrong, Stillman - Vanceboro		* 42,225		* 42,225					* 42,225	* 42,187	
Ashland Electric Light & Power Company			91,860	91,860					91,860	129,888	*** 53,470
Bangor Hydro-Electric Company			76,926,395	76,926,395	Eastern Mfg. Co.	262,700		262,700	77,189,095	73,252,193	1,108,830
Benton & Fairfield Railroad Company											9,810
Berwick & Salmon Falls Electric Company			5,155,800	5,155,800					5,155,800	4,780,910	** 292,274
Biddeford & Saco Railroad											888,600
Bridgewater Electric Company											*** 37,746
Bryant, H.G. - Flagstaff			* 14,667	* 14,667					* 14,667	* 14,667	
Calais Street Railway			695,000	695,000					695,000	1,075,070	
Caribou Water Light & Power Company			1,633,200	1,633,200					1,633,200	511,010	*** 19,750
Carriassett Light & Power Company - North Anson											* 166,080
Casco Bay Light & Water Company		475,600		475,600					475,600	362,400	
Central Maine Power Company	5,100		196,384,232	196,389,332	F		1,765,490	1,765,490	198,154,822	176,484,150	18,665,850
Clark, C.B. - North New Portland					Clark Manufacturing Co.		* 23,600	* 23,600	* 23,600	* 21,600	
Clark Power Company - (Dayton)			1,613,561	1,613,561					1,613,561	2,588,137	
Colby Light & Power Company - Woodland											46,701
Consumer's Electric Company - Brownfield											37,465
Cornish & Kezar Falls Light & Power Company			378,052	378,052					378,052	699,690	229,758
Cotton, L.E. - New Sharon											16,000
Crawford Electric Company - South Union					Thurston Brothers Co.		* 36,935	* 36,935	* 36,935	* 36,935	
Cumberland County Power & Light Company											10,883,700
Power & Light Department	2,170,810		101,749,450	103,920,260	D		30,700	30,700	103,950,960	99,740,820	16,682,109
Railway Department											*** 7810
Cyr Electric Company											*** 99,326
Danforth Electric Company			150,490	* 150,490					* 150,490	* 170,745	
Dennistown Power Company			* 208,679	* 208,679					* 208,679	* 200,000	
Easton Electric Company											*** 28,970
Farmer's Electric Company - Easton											68,800
Farmington Falls Electric Company			71,790	71,790					71,790	76,333	*** 758,300
Fort Fairfield Light & Power Company											*** 386,110
Fort Kent Electric Company											1,859,800
Franklin Light & Power Company			2,316,020	2,316,020					2,316,020	1,838,275	
Gould Electric Company					Maine & N.B. Power Co., Ltd.		*** 9,247,009	*** 9,247,009	*** 9,247,009	*** 8,956,455	
Hampden and Newburg Light & Power Company											57,930
Houlton Water Company - Electric Department	630			630					630	1,009	*** 2,824,600
Katahdin Electric Company			300	300					300	83,540	*** 870,350
Kennebunk Electric Light Department			99,800	99,800	Rogers Fibre Co.		188,460	188,460	288,260	385,100	500,940
Kincaid Light Company					Wing Spool & Bobbin Co. (K)	13,358		13,358	13,358	32,172	
Lee Electric Company			12,000	12,000					12,000	14,125	
Limestone Electric Company											*** 260,770
Livermore Falls Light & Power Company					International Paper Co.		1,165,400	1,165,400	1,165,400	957,057	
Lubec Electric Department			420,105	420,105					420,105	378,547	50,527
Madison Village Corporation - Electric Department			* 417,819	* 417,819					* 417,819	438,050	359,650
Mallison Power Company			3,516,730	3,516,730	S. D. Warren Co.		150,920	150,920	3,667,650	5,864,785	
Maple Grove Electric Company											*** 47,831
Mapleton Electric Company											*** 99,330
Mars Hill Electric Company											*** 296,180
Milo Electric Light & Power Company			2,151,448	2,151,448					2,151,448	2,965,650	6,800
Monson Light & Power Company											69,840
Monticello Electric Company											*** 40,345
Mount Vernon Light & Power Company											46,443
New Hampshire Gas & Electric Company	** 768,040			** 768,040					** 768,040	** 643,420	
New Sweden Light & Power Company											49,987
Oquossoc Light & Power Company			474,600	474,600					474,600	443,170	
Penobscot Power Company			26,908,342	26,908,342					26,908,342	25,617,232	188,800
Phillips Electric Light & Power Company											114,460
Presfile Electric Company - Robinson											*** 22,150
Princeton Electric Light Department		* 62,500		* 62,500					* 62,500	* 39,500	
Rumford Falls Light & Water Company					Rumford Falls Power Co.		4,747,330	4,747,330	4,747,330	4,495,620	
Sherman Electric Company											37,890
Shore Line Electric Company											391,899
Squirrel Island Village Corporation											41,120
Somerset Traction Company											150,060
St. Croix Gas Light Company					Canadian Cottons, Ltd.		*** 636,475	*** 636,475	*** 636,475	390,147	207,251
Stockholm Light & Power Company											161,635
Stonington and Deer Isle Power Company		15,000		15,000					15,000	109,746	133,010
Stratton Light Company			* 48,351	* 48,351					* 48,351	* 54,719	
Turner Light & Power Company			* 53,762	* 53,762					* 53,762	* 66,236	73,170
Turner Railroad											118,740
Twin State Gas and Electric Company - Dover, N.H.			** 292,274	** 292,274					** 292,274	** 242,826	3,242,629
Van Buren Light and Power District											*** 507,087
Vinalhaven Light and Power Company	862,877	25,000		887,877					887,877	813,961	
Washburn Electric Company											*** 289,029
Waterford Light & Power Company											32,475
Westfield Electric Company											*** 50,630
Waterville, Fairfield and Oakland Railway											1,038,943
Woodland Light and Water Company - Baileyville					St. Croix Paper Co.		185,300	185,300	185,300	194,750	
York Utilities Company			1,247,175	1,247,175					1,247,175	1,918,250	
Companies Operating in 1927 but later absorbed											5,737,896
Grand Total	3,807,457	620,325	461,072,332	465,500,114		276,038	18,177,619	18,453,677	483,953,791	456,823,398	86,577,357
Percent of total Generated	.79	0.13	95.27	96.19		0.05	3.76	3.81	100.0	94.39	17.89

LEGEND
 * Involves an estimate based on data in the office of the Public Utilities Commission.
 † Losses assumed by the generating company or wholesaler.
 ‡ Covers only operations in Maine and dealings with Maine Utilities.
 § Generated in Maine, shipped out of the state.
 ¶ Generated in New Hampshire, distributed in Maine.
 ** Generated in Canada, distributed in Maine.
 *** Distributed in New Hampshire.
 †† Distributed in Canada.

A - Androscoggin Electric Co.	6,748,081	D - S.D. Warren Co.	30,500
Central Maine Power Co.	2,899,406	Peppers' Mfg. Co.	200
B - Androscoggin Electric Co.	14,689,700	E - Central Maine Power Co.	10,739,700
Cumberland County P. & L. Co.	3,806,200	Berwick & Salmon Falls Electric Co.	-144,000
Milo Electric L. & P. Co.	25,300	F - Pejepscot Paper Co.	5,100
Bangor Hydro-Electric Co.	144,630	Swane Falls Co.	1,760,390
C - Gould Electric Co.	348,330		
Penobscot Power Co.	382,000		

PUBLIC UTILITIES COMMISSION OF MAINE - STATISTICS OF POWER LIGHTING I

NAME OF UTILITY	KILOWATT-HOURS GENERATED FOR DISTRIBUTION BY UTILITIES										INTERCHANGE BETWEEN		
	GENERATED BY UTILITIES				PURCHASED FROM OTHER SOURCES				TOTAL GENERATED		PURCHASE		
	STEAM	INTERNAL COMBUSTION	HYDRO	TOTAL	GENERATED BY	STEAM	HYDRO	TOTAL	THIS YEAR	LAST YEAR	KWH	PURCHASE	
Andover Power Company												10,560	Rumford Fa
Androscoggin Electric Company	9,798,900		23,323,736	33,122,636	J.		337,850	337,850	33,460,486	38,039,230	9,492,166	Central Ma	
Androscoggin & Kennebec Railway Company											8,653,082	A.	
Arroostook Valley Railroad											653,690	***	Maine Public
Armstrong Stillman - Vanceboro		* 42,225		* 42,225						* 42,225	* 42,225		
Bangor Hydro Electric Company			82,569,605	82,569,605	Eastern Mfg. Co.	102,141		102,141	82,671,746	77,189,095	1,315,850	Penobscot	
Benton & Fairfield Railroad Company											7,260	Central M	
Berwick & Salmon Falls Electric Company			3,613,375	3,613,375							5,155,800	**	855,923 Twin State
Biddeford & Saco Railroad											874,600	Cumberland	
Bridgewater Electric Company											37,874	***	Maine Public
Bryant, H. G. - Flagstaff		* 6,863		* 6,863						* 6,863	* 14,667		
Bryants Pond Electric Light Company							35,444	35,444	35,444				
Caribou Water, Light & Power Company		2,415	1,723,120	1,725,535					1,725,535	1,633,200	***	123,000 Maine Public	
Carrabassett Light & Power Company - No. Anson											562,000	Central Main	
Casco Bay Light & Water Company		562,000		562,000							475,600		
Central Maine Power Company	12,256,300		194,089,422	206,345,722	H.		1,591,570	1,591,570	207,937,292	198,154,822	36,114,328	K.	
Clark, C. B. - No. New Portland					Clark Manufacturing Co.		* 24,000	* 24,000	* 24,000	* 23,600			
Clark Power Company - Dayton			2,051,078	2,051,078						2,051,078	1,613,561		
Colby Light & Power Company - Woodland												277,738	Caribou Wa
Consumers Electric Company - Brownfield												36,825	Central M
Cornish & Kezar Falls Light & Power Company			603,853	603,853						603,853	378,052	10,000	Central M
Cotton, L. E. - New Sharon												27,800	Farmington
Crawford Electric Company - South Union					Thurston Brothers Co.		20,745	20,745	20,745	* 36,935			
Cumberland County Power & Light Company													
Power & Light Department	55,977,690		84,273,770	140,251,460	E.		87,000	87,000	140,338,460	103,950,960	4,613,900	F	
Railway Department												17,218,303	Power & L
Danforth Electric Company			* 160,142	* 160,142					* 160,142	* 150,490			
Dennistown Power Company		41,944	125,832	167,776						167,776	* 208,679		
Farmers Electric Company - Easton												32,230	Maine Pub
Farmington Falls Electric Company			247,490	247,490						247,490	71,730	111,800	Maine Cons
Fort Fairfield Light & Power Company												827,786	Maine Public
Hampden & Newburg Light & Power Company												59,360	Bangor Hy
Houlton Water Company - Electric Department												2,742,400	Maine Public
International Paper Company			1,324,243	1,324,243						1,324,243			
Kennebunk Electric Light Department			342,900	342,900	Rogers Fibre Company		35,280	35,280	378,180	288,260	492,285	Cumberland	
Lee Electric Company			17,875	17,875						17,875	12,000		
Limestone Electric Company												280,930	Maine Public
Livermore Falls Light & Power Company					International Paper & Power Co		1,124,100	1,124,100	1,124,100	1,165,400		163,900	Bangor Hyd
Lubec Electric Department			403,000	403,000						403,000	420,105	467,300	Central Ma
Madison Village Corporation - Electric Department		* 382,903		* 382,903						* 382,903	* 417,819		
Maine Public Service Company					Maine & N.B. Power Co. Ltd.		* 10,443,669	* 10,443,669	* 10,443,669	* 3,247,009	442,019		M
Maine Public Service Company - Southern Division			1,474,742	1,474,742						1,474,742	2,151,448	514,600	Central Mai
Maine Consolidated Power Company			1,574,450	1,574,450						1,574,450	2,316,020(6)	3,483,459	L
Mallison Power Company			4,284,010	4,284,010	S. D. Warren Co.		94,415	94,415	4,378,425	3,667,650			
Mars Hill Electric Company												271,240	Maine Public
Monson Light & Power Company												101,400	Central M
Monticello Electric Company												43,068	Maine Pub
Mount Vernon Light & Power Company												48,903	Farmington
New Hampshire Gas & Electric Company	** 845,600			** 845,600						** 845,600	** 768,040		
New Sweden Light & Power Company												204,554	P
Ogussoac Light & Power Company	3,304		385,690	388,994						388,994	474,600		
Penobscot Power Company			27,812,946	27,812,946						27,812,946	26,908,342	153,600	Bangor Hy
Phillips Electric Light & Power Company												109,270	Maine Cons
Princeton Electric Light Department		* 62,500		* 62,500						* 62,500	* 62,500		
Rumford Falls Light & Water Company					Rumford Falls Power Co.		5,201,780	5,201,780	5,201,780	4,747,330			
Shore Line Electric Company												537,486	Bangor Hyd
Squirrel Island Village Corporation												44,640	Central M
St. Croix Gas Light Company					Canadian Cottons, Ltd.		*** 230,383	*** 230,383	*** 230,383	*** 636,475	1,053,444		Internation
Stonington & Deer Isle Power Company		1,500		1,500						1,500	15,000		Bangor Hy
Stratton Light Company		* 72,758		* 72,758						* 72,758	* 48,551		
Sturtevant, C. O. - Kingfield												54,973	Maine Cons
Turner Light & Power Company		* 191,492		* 191,492						* 191,492	* 55,762	104,500	Androscoggi
Twin State Gas & Electric Company - Dover N.H.		** 867,639		867,639						** 867,639	** 292,274	2,026,938	Berwick & Sal
Van Buren Light & Power District												538,980	Maine Public
Vinalhaven Light & Power Company	743,040			743,040						743,040	887,877		
Washburn Electric Company												292,380	Maine Public
Waterford Light & Power Company												53,507	Central M
White Mountain Power Company												11,716	Twin State C
Waterville, Fairfield & Oakland Railway												1,028,465	Central M.
Woodland Light & Water Company - Baileyville					St. Croix Paper Co.		196,900	196,900	196,900	185,300			
York Utilities Company			1,160,275	1,160,275						1,160,275	1,247,175		
Companies Operating in 1928 but later absorbed											801,148		
Grand Total	77,624,834	712,584	433,283,209	513,620,627		102,141	19,443,136	19,545,277	533,165,904	483,953,797	97,011,985		
Percent of total Generated	14.93	0.13	81.21	96.33		0.02	3.65	3.67	100.0	90.77	18.9		

LEGEND
 * Invoiced an estimate based on data in the office of the Public Utilities Commission.
 † Classes assumed by the generating company or wholesaler.
 ‡ Covers only operations in Maine and dealings with Maine Utilities.
 ‡ Generated in Maine, shipped out of the state.
 ‡ Generated in New Hampshire, distributed in Maine.
 ‡ Generated in Canada, distributed in Maine.
 ‡ Distributed in New Hampshire.
 ‡ Distributed in Canada.

A - Androscoggin Electric Co. 5,850,260	H. - Pejepscot Paper Co. 4,100	L - Central Maine Power Co. 3,354,200
Central Maine Power Co. 2,802,822	Swans Falls Co. 891,070	Farmington Falls Electric Co. 129,259
E - Pepperell Mfg. Co. 22,200	Edwards Mfg. Co. 696,400	K - Caribou Water, L. & P. Co. 191,019
S. D. Warren Co. 11,100	K - Androscoggin Electric Co. 6,905,413	Penobscot Power Co. 251,000
York Manufacturing Co. 53,700	Cumberland County P. & L. Co. 29,031,400	P - Caribou Water, L. & P. Co. 7,564
F - Central Maine Power Co. 4,335,700	Maine Public Service Co. 2,000	Colby Light & Power Co. 196,990
Berwick & Salmon Falls 275,400	Bangor Hydro Electric Co. 175,515	
York Utilities Co. 2,000	J. Hill Manufacturing Co. 240,950	
	Bates Manufacturing Co. 96,900	

TABULATION OF ELECTRICAL STATISTICS

Compiled by Engineering Dep't.—M.P.U.C.
Units—Kilowatt-Hours

Year	Generated in Maine							Imported			Total Distributed by Maine Utilities.	Generation by Maine Utilities plus Purchases from Non-Utilities.
	Generated by Utilities				Purchased by Utilities From Non-Utilities			Distributed in Maine but Generated outside the State				
	Steam	Intern'l Comb.	Hydro	Total	Steam	Hydro	Total	Steam	Hydro	Total		
1919	4,722,873	63,591	182,752,757	187,539,221	94,425	20,105,572	20,199,997	1,342,111	6,018,490	7,360,601	215,099,819	207,739,218
1920	8,802,783	316,749	199,211,172	208,330,704	64,600	24,477,177	24,541,777	1,164,725	8,028,572	9,193,297	242,065,778	232,872,481
1921	13,362,648	439,000	220,975,613	234,777,261	5,461,822	16,493,397	21,955,219	1,165,370	8,753,156	9,918,526	266,651,006	256,732,480
1922	14,785,345	493,745	252,922,533	268,201,623	4,910,451	17,546,818	22,457,269	854,472	12,266,614	13,121,086	303,779,978	290,658,892
1923	39,820,951	527,750	268,300,031	308,648,732	1,886,169	19,435,149	21,321,318	433,478	11,789,868	12,223,346	342,193,396	329,970,050
1924	18,236,125	733,277	317,175,272	336,144,674	194,923	14,525,819	14,720,742	458,240	10,721,341	11,179,581	362,044,997	350,865,416
1925	21,532,098	989,903	357,085,607	379,607,608	395,901	5,743,660	6,139,561	548,840	8,662,063	9,210,903	394,958,072	385,747,169
1926	28,754,326	892,676	368,425,313	398,072,315	293,443	6,625,327	6,918,770	604,620	8,655,791	9,260,411	414,251,496	404,991,085
1927	3,858,652	671,833	433,279,663	437,810,148	52,477	8,561,157	8,613,634	643,420	9,756,196	10,399,616	456,823,398	446,423,782
1928	3,039,417	620,325	460,780,058	464,439,800	276,058	8,294,135	8,570,193	768,040	10,175,758	10,943,798	483,953,791	473,009,993
1929	78,779,234	712,584	432,415,570	511,907,388	102,141	8,769,084	8,871,225	845,600	11,541,691	12,387,291	533,165,904	520,778,613

REPORT OF ENGINEER IN CHARGE OF WATER RESOURCES DIVISION

For the two years ending June 30, 1930

To the Public Utilities Commission,
Hon. Albert J. Stearns, Chairman,
Augusta, Maine.

Gentlemen:

Submitted herewith is the report of this division for the two years ending June 30, 1930. The report presents the results of investigations of stream flow to September 30, 1929, both in the form of monthly discharge tables and per cent of time duration tables; also data on precipitation and evaporation.

Cooperation with the Water Resources Branch of the United States Geological Survey, N. C. Grover, Chief Hydraulic Engineer, has been continued. Valuable assistance has been rendered, or records have been furnished, by United States Army Engineers, United States Weather Bureau, International Paper Company, St. Croix Paper Company, Great Northern Paper Company, Hollingsworth & Whitney Company, S. D. Warren Company, Bangor Hydro-Electric Company, Cumberland County Power and Light Company, Milo Electric Light and Power Company, Union Water Power Company, Rumford Falls Power Company, Brassua Associates, and Thomas W. Clark. Special mention is made of the cooperation by the United States Army Engineers who wanted certain stream flow data in Maine for use in connection with investigations it is making. That organization, during the two years ending June 30, 1930, provided for the establishment and equipping of ten new river gaging stations and the equipping of six old stations with reinforced concrete gage wells and shelters and new recording gages, and for the maintenance of the same. Two other recording-gage stations were established and one old station was equipped with a water-stage recorder.

Due to the expansion of the work in this state, Maine was set off as a separate district of the United States Geological Survey on September 1, 1928. Previous to this time all contact with the Geological Survey by this division was made through the New England District office of the Survey in Boston.

Since July 1, 1928, the following engineers have assisted on the Maine work, Donald S. Wallace, Assistant Engineer, Claire E. Aspen, James H. Foster, Gardner K. Wood and Lawton W. Furness, Junior Engineers. Miss Alice L. Barentzen, clerk-stenographer, and Mrs. Frances F. Giddings also assisted in this work.

Expenditures by the State and Federal Government

Year Ending June 30, 1929

Amount spent by Federal Government	\$29,355.21	
Amount spent by State	5,512.83	
		34,868.04
Cost of construction and improvement of gaging stations	\$20,535.25	
Cost of field work in connection with operation and maintenance of gaging stations	6,877.86	
Cost of office work	3,549.52	
Cost of non-expendable property (mostly water-stage recording instruments and one Ford Coupe)	3,905.41	
		\$34,868.04

Of the above, \$8,385.16 was paid for salaries.

Year Ending June 30, 1930

Amount spent by Federal Government	\$10,308.26	
Amount spent by State	5,865.09	
Amount spent by International Paper Company (for Fish River gage)	1,339.88	
		\$17,513.23
Cost of construction and improvement of gaging stations	\$3,844.30	
Cost of field work in connection with operation and maintenance of gaging stations	6,547.78	
Cost of office work	5,711.92	
Cost of non-expendable property (mostly water-stage recording instruments and exchange of a Ford Coupe)	1,409.23	
		\$17,513.23

Of the above, \$7,893.44 was paid for salaries.

River Gaging Stations

On July 1, 1928, nineteen regular and eight cooperative stations were being maintained. During the two-year period covered by this report the station on St. John River at Van Buren was discontinued because of being flooded out by the new power development at Grand Falls, New Brunswick. Seven of the old non-recording stations were made recording stations and twelve new recording-gage stations were established. On June 30, 1930, we had in operation twenty-eight stations equipped with water-stage recorders and two equipped with non-recording gages. From eight other stations records are furnished by private companies.

The following list comprises the gaging stations that have been maintained in Maine. The stations for each major river basin are arranged in downstream order, tributaries being indicated by indentations. A dash following the date indicates that the station was being maintained September 30, 1929.

St. John River Basin

- St. John River near Dickey, 1910-11.
- St. John River at Fort Kent (above mouth of Fish River), 1905-16.
- St. John River at Fort Kent (below mouth of Fish River), 1926—
- St. John River at Van Buren, 1908-28.
- Allagash River near Allagash, 1910-11.
- St. Francis River at St. Francis, 1910-11.
- Fish River at Wallagrass, 1903-1908; 1911.
- Fish River near Fort Kent, 1920—
- Madawaska River at St. Rose du Degele, Quebec, 1910-11.
- Aroostook River at Fort Fairfield, 1903-1910.

St. Croix River Basin

- St. Croix River at Vanceboro, 1928—
- St. Croix River near Baileyville, 1919—
- St. Croix River near Woodland, 1902-1911.
- St. Croix River at Baring, 1913-1915.
- Grand Lake Stream at Grand Lake Stream, 1928—
- West Branch, St. Croix River at Baileyville, 1910-1912.

Coastal Basin No. 1

- East Machias River near East Machias, 1926—

Machias River Basin

- Machias River at Whitneyville, 1903-1921; 1929—

Union River Basin

- Union River at Ellsworth, 1909-10.
- East Branch, Union River, near Waltham, 1909.
- West Branch, Union River, at Amherst, 1909-1919; 1929—
- West Branch, Union River, near Mariaville, 1909.
- Green Lake Stream at Lakewood, 1900-1913.
- Webbs Brook at Waltham, 1909.
- Branch Lake Stream near Ellsworth, 1909-1915.

Penobscot River Basin

- Penobscot River at West Enfield, 1901—
- Penobscot River at Sunk Haze rips, near Costigan, 1899-1900.
- West Branch, Penobscot River, at Millinocket, 1901—
- West Branch, Penobscot Rver, near Medway, 1916—
- East Branch, Penobscot River, at Grand Lake Dam, 1912.
- East Branch, Penobscot River, at Grindstone, 1902—
- Mattawamkeag River at Mattawamkeag, 1902—
- Piscataquis River near Foxcroft, 1902—
- Pisctaquis River near Medford, 1924—
- Sebec River at Sebec, 1924—
- Pleasant River near Milo, 1920—
- Passadumkeag River at Lowell, 1915—
- Kenduskeag Stream near Bangor, 1908-1919.
- Cold Stream at Enfield, 1904-1906.
- Phillips Lake outlets at Holden and Dedham, 1904-1908.

Coastal Basin No. 3

- St. George River near Union, 1913-1915.

Kennebec River Basin

- Moosehead Lake, 1848— (record of opening and closing).
 Moosehead Lake at East Outlet, 1895— (Elevations only).
 Kennebec River at Moosehead, 1919—
 Kennebec River at The Forks, 1901—
 Kennebec River at Bingham, 1907-1910.
 Kennebec River at North Anson, 1901-1907.
 Kennebec River at Waterville, 1892—
 Kennebec River at Gardiner, 1785-1910 (record of opening and closing of navigation).
 Moose River near Rockwood, 1902-1908; 1910-1912; 1919-1925.
 Roach River at Roach River, 1901-1908.
 Dead River at The Forks, 1901-1907; 1910—
 Carrabassett River near North Anson, 1901-1907; 1925—
 Sandy River at Farmington, 1910-1916.
 Sandy River near Mercer, 1928—
 Sandy River at Madison, 1904-1908.
 Messalonskee Stream at Waterville, 1903-1905.
 Sebasticook River at Pittsfield, 1908-1917.
 Sebasticook River near Pittsfield, 1928—
 Cobbosseecontee Lake, 1839— (dates of opening and closing).
 Cobbosseecontee Stream at Gardiner, 1890—

Androscoggin River Basin

- Rangeley Lake (head of Androscoggin River), 1879— (dates of opening and closing).
 Androscoggin River at Errol Dam, N. H., 1905—
 Androscoggin River at Berlin, N. H., 1913—
 Androscoggin River near Gorham, N. H., 1929—
 Androscoggin River at Shelburne, N. H., 1903-1907 and 1910.
 Androscoggin River at Rumford Falls, 1892—
 Androscoggin River at Dixfield, 1902-1908.
 Androscoggin River near Auburn, 1928—
 Magalloway River at Aziscohos Dam, 1912—
 Swift River near Roxbury, 1929—
 Auburn Lake, 1890— (date of opening).
 Little Androscoggin River near South Paris, 1913-1924.

Presumpscot River Basin

- Presumpscot River at outlet of Sebago Lake, 1887—

Saco River Basin

- Saco River near Center Conway, N. H., 1903-1912.
 Saco River near Conway, N. H., 1929—
 Saco River at Cornish, 1910—
 Saco River at West Buxton, 1907—
 Ossipee River at Cornish, 1916—

Salmon Falls River Basin

- Salmon Falls River near Lebanon, 1928—

River Discharge Data

The results of the cooperative work of the United States Geological Survey and the State of Maine have appeared in various federal publications. Descriptions, lists of discharge measurements and tables of daily and monthly discharge have

been published in the Water Supply Papers of the United States Geological Survey as follows:

1898:	27	1909:	261	1919-20:	501
1899:	35	1910:	281	1921:	521
1900:	47	1911:	301	1922:	541
1901:	65, 75	1912:	321	1923:	561
1902:	82	1913:	351	1924:	581
1903:	97	1914:	381	1925:	601
1904:	124	1915:	401	1926:	621
1905:	165	1916:	431	*1927:	641
1906:	201	1917:	451	*1928:	661
1907-8:	241	1918:	471	*1929:	681

* In press.

Additional data concerning work during the years 1887 to 1900 are contained in Part IV of the 19th, 20th, 21st and 22d Annual Reports of the Geological Survey. Special Reports have been issued as follows:

- W. S. P. 69 Water Powers of Maine.
- W. S. P. 198 Water Resources of the Kennebec River Basin.
- W. S. P. 223 Underground Waters of Southern Maine.
- W. S. P. 234 Water Power Census.
- W. S. P. 279 Water Resources of the Penobscot River Basin.
- 10th Census of United States, Vol. XVI, 1880. Water Power of Eastern New England.

State Reports on the Water Resources of Maine have been published as follows:

- 1869 Water Powers of Maine.
- 1910 First Annual Report of Maine State Water Storage Commission.
- 1911 Second Annual Report of Maine State Water Storage Commission.
- 1912 Third Annual Report of Maine State Water Storage Commission.
- 1913 Fourth Annual Report of Maine State Water Storage Commission.
- 1915 First Annual Report of Maine Public Utilities Commission, Vol. 2.
- 1916 Second Annual Report of Maine Public Utilities Commission, Vol. 2.
- 1918 Special Water Power Report of Maine Public Utilities Commission.
- 1920 First Report of Maine Water Power Commission.
- 1922 Second Report of Maine Water Power Commission.
- 1926 Second Biennial Report of Maine Public Utilities Commission.
- 1928 Third Biennial Report of Maine Public Utilities Commission.

In some sections of the state information regarding topographic features is incomplete and the computed drainage areas are inaccurate. As surveys are extended these computations are checked and corrected.

Per Cent of Time Duration Tables

There appear in the 1920 report of the Maine Water Power Commission per cent of time duration tables for all the gaging stations maintained in Maine up to that time. Appended to this report are duration tables from 1920 to September 30, 1929. In some cases the tables in this report extend back of 1920. There are cases where the earlier data have been revised on the basis of later information such as new figures for drainage areas based on recent surveys. Therefore to obtain the complete record of duration tables, the 1920 report referred to should be consulted. From these tables duration curves may be drawn by plotting the values in the tables for any one year or the mean for the entire period of record with values of second-feet per square mile as ordinates and per cents of time as abscissae and drawing a smooth curve through the points plotted.

These curves are of great value in studying the flow of a stream. The Sectional Committee of the American Engineering Standards Committee is unanimous with regard to the use of the duration curve as a basis for the determination of rates of flow to be used in its rules for ratings of rivers. The duration of flow curve is in widespread use among engineers in many countries. Rates of flow based on the curve are easily defined and defined rates of flow can easily be checked by computations made independently.

The tables for the Maine gaging stations are based on figures of daily discharge. Many engineers use the week or the month as the unit of time instead of the day. When larger units of time are used the duration curve is always higher than the curve of daily discharge because sudden rises of water, due to heavy rainfalls occurring during the larger unit of time, are all averaged in with the lower daily discharge values. While a duration curve based on daily flows shows a true picture of existing conditions at the point where the flow records are obtained, there are cases when a duration curve based on average weekly flow gives a more accurate picture of the characteristics of a river for power use, especially on streams on which water is held back by pondage each week-end during the low water season.

Water Power Census

The water power census published in the third biennial report of the Commission has been kept up to date. During the past two years there has been only a slight increase in water wheel capacity which amounts to 1,900 horsepower. The total capacity of water wheels in Maine, according to our census, is 551,647 horsepower.

The water power census by the United States Geological

Survey dated January 1, 1930, shows that Maine now stands in seventh place among the other states of the Union in the amount of developed water power. Its amount of developed water power is exceeded in California with 2,300,529 horsepower, New York with 1,805,195 horsepower, North Carolina with 947,000 horsepower, Alabama with 845,152 horsepower, Washington with 765,757 horsepower, and South Carolina with 574,000 horsepower.

When the new hydroelectric plant now being constructed at Bingham is completed its capacity of 100,000 horsepower will make a large increase in Maine's developed water power.

Precipitation

The list below includes all the rainfall records that were known to be available in the state except several fragmentary records. Dash after date indicates that station was being maintained September 30, 1930. Records for years previous to 1928 appear in the reports of Maine State Water Storage Commission, Maine Water Power Commission and Maine Public Utilities Commission.

Coastal Basins

Bar Harbor, 1885-1920
West Rockport, 1913—

St. John River Basin

Ashland, 1912-1922
Ft. Fairfield, 1905-1906, 1928—
Ft. Kent, 1844-1894, 1928—
Houlton, 1892—
Howe Brook, 1912-1916
Presque Isle, 1910—
Soldier Pond, 1905-1913
Van Buren, 1902—

St. Croix River Basin

Calais, 1899-1901
Eastport, 1833—
Vanceboro, 1916—
Woodland, 1912—

Machias River Basin

Machias, 1927—

Union River Basin

Ellsworth, 1908—

Penobscot River Basin

Bangor, 1926—
Belfast, 1859-1904
Carmel, 1900-1902
Chesuncook Dam, 1905-1916
Chesuncook P. O., 1904-1906
Danforth, 1902-1917, 1926—
Debsconeag, 1905-1909
Grant Farm, 1904-1906

Lincoln, 1927—
Mayfield, 1885-1908
Millinocket, 1899—
Milo, 1921—
Old Town, 1916—
Orono, 1869-1925
Patten, 1902-1919
Ripogenus, 1916—
South Lagrange, 1903-1905
Wytotpitlock, 1917-1926

Kennebec River Basin

Augusta, 1841-1916, 1922
Brassua Dam, 1928—
Cambridge, 1912-1916
Eustis, 1911—
Fairfield, 1886-1916
Farmington, 1891—
Flagstaff, 1895-1901
Ft. Preble, 1840-1880
Gardiner, 1837—
Greenville, 1895—
Jackman, 1894-1906, 1921—
Kent's Hill, 1891-1894
Madison, 1894—
Roach River, 1901-1903
Solon, 1902-1903
The Forks, 1901—
Waterville, 1863-1879
Winslow, 1895—

Androscoggin River Basin

Aziscohos, 1911—
Cupsuptic, 1929—
Errol, N. H., 1885—

Lewiston, 1875—
 Livermore Falls, 1909—
 Middle Dam, 1905—
 Oquossoc, 1900—
 Oxford, 1868-1875
 Pontocook, N. H., 1911—
 Rumford Falls, 1894—
 Upper Dam, 1886—

Presumpscot River Basin
 North Bridgton, 1861—
 Portland, 1856—
 Songo, 1900-1922

Saco River Basin
 Biddeford, 1881—
 Cornish, 1857-1924
 Hiram, 1925—
 Union Falls, 1904—

Appendix

There are appended to this report data on precipitation and evaporation covering the two-year period, and also a tabulation of monthly mean discharge in second-feet per square mile for practically all river gaging stations that have been maintained in Maine since 1920, and per cent of time duration of flow tables from 1920 to September 30, 1929. At a few of the gaging stations the data covers a period of less than two years. In such cases the data are omitted.

EVAPORATION FROM WATER SURFACE IN MOOSEHEAD LAKE AT EAST OUTLET, MAINE
(in inches)

Year	April	May	June	July	August	Sept.	Oct.	Nov.
1926	3.61	4.37	2.93	2.24	1st to 12th 0.36
1927	27th to 30th 0.21	1.91	3.46	3.00	3.70	3.54	2.68	1.93
1928	17th to 31st 0.56	3.23	3.94	3.19	3.13	2.74	1st to 7th 0.48
1929	19th to 31st 1.26	2.65	4.01	3.81	2.97	2.63	1st to 18th 0.80
1930	10th to 31st 1.30	2.17	3.83	3.97	3.38	1st to 24th 2.27	

Station established in June, 1926, and consists of a square pan 36 by 36 inches by 18 inches deep, supported by floats in the lake near the west end of east outlet dam.

EVAPORATION AT GARDINER, MAINE
Summary Table of Monthly Figures

YEAR AND MONTH	Mean % Humidity	MEAN TEMPERATURE, FAHRENHEIT			MILES PER HR. MEAN WIND VELOCITY AT		Monthly Precipitation in inches	MONTHLY EVAPORATION IN INCHES	
		Air	Water in		Tank	Stream		in Standard Tank	in Floating Pan (in stream)
			Tank	Stream					
1929									
April.....	95.8	42.2	41.9	39.7	2.99	2.70	6.53	2.70	1.71
May.....	96.0	54.3	57.7	55.7	2.51	2.36	3.42	4.85	3.21
June.....	92.2	63.8	68.8	69.4	1.61	1.38	2.20	5.50	5.24
July.....	89.0	67.9	71.5	72.1	1.78	1.46	1.28	6.50	5.53
August.....	92.3	64.4	67.2	68.9	1.65	1.43	4.70	4.91	4.56
September.....	95.9	60.6	61.9	64.6	1.49	1.13	2.57	3.04	3.22
October.....	96.3	47.5	47.5	50.4	2.00	1.49	4.11	1.88	3.67
November, 1-17.....	97.6	43.0	43.5	44.1	1.10	.54	2.92*	.72*	.39*
1930									
April.....	85.8	41.1	45.2	43.4	2.98	2.92	1.85	3.37	2.68**
May.....	88.7	56.3	58.3	57.8	2.42	2.11	4.59	4.59	3.29
June.....	91.9	67.1	71.2	70.8	1.50	1.87	1.93	5.32	3.88
July.....	76.9	67.9	71.9	73.3	1.60	1.62	3.47	5.73	4.96
August.....	82.8	64.8	68.9	70.2	1.34	1.28	3.38	4.73	4.15
September.....	74.4	62.7	64.5	67.0	1.47	1.35	.69	3.80	3.81
October.....	77.8	48.7	49.8	52.1	2.43	2.09	3.86	2.43	2.52
November 1-11.....	70.7	37.7	36.5	40.4	1.95	1.94	3.23*	.85*	1.64*

* Partial month computed for 30 days
** Record Apr. 20-30 computed for 30 days

PRECIPITATION, IN INCHES, AT STATIONS IN DRAINAGE BASINS OF MAINE RIVERS
During the Year Ending Sept. 30, 1929

STATION	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
COASTAL BASINS													
West Rockport.....	2.68	2.48	3.74	5.02	2.74	3.12	6.69	4.18	2.76	1.89	4.00	2.46	41.76
ST. JOHN RIVER													
Fort Fairfield.....	3.39	2.52	3.79			1.99		2.95	3.39	4.50	2.11	1.79	.....
Fort Kent.....	4.01	2.97	4.09	4.05	1.10	1.50	5.89	3.40	4.08	4.02	2.65	1.45	39.21
Houlton.....	3.27	2.48	4.10	2.67	1.49	2.23	2.88	4.38	2.37	3.38	2.14	1.81	33.20
Presque Isle.....	3.59	1.58	1.72	1.23	1.12	1.43	2.49	3.37	3.19	4.95	2.64	1.94	29.25
Van Buren.....	3.47	2.41	3.82	2.83	1.25	3.00	3.00	3.09	3.89	4.21	4.94	2.23	38.14
ST. CROIX RIVER													
Eastport.....	2.66	1.71	2.74	3.58	2.15	3.11	2.69	3.28	1.55	1.48	2.13	4.28	31.36
Vanceboro.....	2.58	1.93	4.39	2.85	2.12	2.16	3.72	3.65	1.96	4.73	1.41	1.36	32.86
Woodland.....	3.99	2.84	3.85	3.75	1.95	3.43	4.62	4.94	4.17	1.95	2.48	2.36	40.13
MACHIAS RIVER													
Machias.....	3.91	1.96	5.01	5.38	2.35	4.50	6.80	.....	6.83	0.93	1.28	3.08	.....
UNION RIVER													
Ellsworth.....	3.62	1.86	4.20	4.89	2.10	2.76	5.68	5.34	3.14	1.68	2.72	5.57	43.56
PENOBSCOT RIVER													
Bangor.....	3.17	2.01	2.73	3.26	1.66	3.62	4.66	5.61	2.05	1.03	3.03	0.64	33.47
Danforth.....	4.54	1.31	4.86	2.90	1.70	1.96	2.61	5.84	2.47	3.24	2.25	1.41	35.09
Lincoln.....	2.51	2.53	3.56	3.73	1.62	3.11	4.22	5.26	0.61	1.91	2.83	1.58	33.47
Millinocket.....	3.12	3.07	3.29	4.06	2.22	2.70	4.49	5.11	3.16	3.30	2.34	1.18	38.04
Milo.....	3.33	2.29	1.54	2.83	1.11	2.69	4.74	6.72	1.79	2.00	4.90	1.36	35.80
Old Town.....	3.33	1.98	3.49	3.54	2.11	3.59	2.49	5.08	2.55	1.49	2.89	1.31	33.85
Ripogenus.....	3.92	2.32	2.00	2.89	0.93	2.22	3.98	5.20	2.88	3.59	2.42	1.69	34.64
KENNEBEC RIVER													
Brassua Dam.....	4.00	2.39	3.05	2.47	1.78	2.44	4.18	4.60	2.03	1.79	2.26	1.86	32.85
Eustis.....	3.98	2.62	2.46	2.47	1.79	2.67	4.68	4.32	3.34	1.69	3.08	2.38	35.48
Farmington.....	2.61	2.20	4.72	3.59	2.72	4.12	5.84	4.83	.....	.....	2.69	0.92	.....
Gardiner.....	2.26	1.56	3.74	4.20	2.89	4.01	6.53	3.42	2.20	1.28	4.70	2.57	39.36

PRECIPITATION, IN INCHES, AT STATIONS IN DRAINAGE BASINS OF MAINE RIVERS
During the Year Ending Sept. 30, 1929

STATION	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
KENNEBEC RIVER													
Greenville.....	3.84	2.71	3.27	3.35	2.20	2.05	5.71	5.40	3.24	2.16	3.52	1.65	39.10
Jackman.....	4.65	2.21	2.03	2.46	1.73	2.69	4.38	5.89	2.42	1.72	3.77	1.89	35.84
Madison.....	2.65	1.77	3.38	3.21	2.31	3.73	5.17	4.47	1.53	2.06	2.01	0.67	32.96
The Forks.....	3.88	2.75	2.79	2.44	1.98	2.69	5.34	4.87	2.39	1.07	3.42	1.55	35.17
Winslow.....	2.79	2.50	2.57	2.84	1.48	2.99	4.97	3.63	2.14	1.00	3.44	1.38	31.73
ANDROSCOGGIN RIVER													
Aziscobos.....	3.88	3.51	2.91	2.75	2.32	3.01	3.81	4.18	3.48	1.63	2.82	2.90	37.20
Berlin, N. H.....	2.17	1.41	2.24	3.20	2.26	2.89	4.19	3.92	2.62	2.39	2.76	1.07	31.12
Errol, N. H.....	3.49	3.33	1.98	3.16	1.78	3.01	4.26	4.52	3.21	1.85	2.59	2.59	35.77
Gorham, N. H.....	1.95	1.44	2.40	2.76	2.35	2.69	5.09	4.38	2.61	2.17	1.68	1.65	31.17
Lewiston.....	1.51	1.70	4.49	3.62	3.03	3.16	5.16	3.32	2.71	1.15	2.79	2.71	35.35
Livernore.....	2.35	1.72	4.10	3.78	2.56	3.43	5.85	4.15	3.05	0.83	2.51	1.18	35.51
Middle Dam.....	3.46	2.49	2.82	2.90	1.89	2.66	4.16	5.08	3.36	2.13	1.92	2.00	34.87
Oquossoc.....	3.00	*(2.00)	3.07	3.06	1.75	3.26	4.40	4.02	3.55	1.66	4.11	3.01	36.89
Pontocook Dam.....	3.31	2.63	3.01	3.40	2.41	4.27	4.54	3.84	2.82	2.10	2.92	1.81	37.06
Rumford.....	2.35	2.29	2.18	3.11	2.42	3.07	4.81	3.44	1.77	0.91	2.80	1.26	30.41
Upper Dam.....	3.04	1.86	2.24	2.04	2.10	3.10	3.57	3.73	2.55	1.70	3.48	2.22	31.63
PRESUMPSCOT RIVER													
North Bridgton.....	0.91	1.87	3.94	5.22	3.09	3.20	5.00	3.07	1.86	1.36	3.39	3.34	36.25
Portland.....	2.26	1.62	3.55	3.99	4.33	3.41	4.61	3.54	2.08	1.75	4.28	2.09	37.51
SACO RIVER													
Biddeford.....	2.43	2.65	3.63	4.75	6.76	3.40	5.13	4.07	2.47	0.88	6.29	3.21	45.67
Hiram.....	0.85	1.23	3.21	4.50	3.33	2.36	5.77	3.96	1.87	1.30	0.95	3.35	32.68
Union Falls.....	1.35	1.59	4.45	4.42	4.09	3.56	4.89	2.26	2.00	0.81	3.63	2.10	35.15

* Estimated

PRECIPITATION, IN INCHES, AT STATIONS IN DRAINAGE BASINS OF MAINE RIVERS
During the Year Ending Sept. 30, 1930

STATION	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
COASTAL BASINS													
West Rockport.....	5.32	4.34	3.40	2.99	3.09	8.78	1.95	6.31	0.67	3.78	3.21	1.71	45.55
ST. JOHN RIVER													
Fort Fairfield.....	3.97	1.05	.....	2.83	1.10	5.17	1.55	2.47	6.52	5.66	3.05	3.26	.....
Fort Kent.....	3.66	1.55	.....	2.62	.....	3.70	2.24	2.33	4.73	4.31	5.87	5.66	.....
Houlton.....	4.23	1.78	3.62	4.29	1.77	5.17	1.33	4.05	4.24	2.74	2.11	2.47	37.80
Presque Isle.....	3.68	1.53	2.12	1.95	1.26	2.96	0.97	2.80	4.21	5.10	2.70	3.44	32.72
Van Buren.....	4.13	1.57	3.69	2.78	1.90	4.41	1.68	1.84	5.69	5.34	6.14	6.42	45.59
ST. CROIX RIVER													
Eastport.....	1.67	2.25	3.57	2.14	4.47	2.92	1.49	1.26	1.70	4.76	2.32	1.21	29.76
Vanceboro.....	3.36	1.98	3.44	2.86	2.87	5.07	1.60	2.05	3.06	4.27	1.50	2.17	34.23
Woodland.....	3.69	2.68	4.99	2.65	2.67	5.86	2.34	2.84	1.78	4.82	1.10	2.29	37.71
MACHIAS RIVER													
Machias.....	2.38	2.86	3.17	1.48	1.43	4.74	0.79	1.18	0.56	2.30	1.70	1.27	23.86
UNION RIVER													
Ellsworth.....	3.59	3.31	3.28	2.71	4.56	7.01	1.92	3.94	0.76	2.91	1.52	1.44	36.95
PENOBSCOT RIVER													
Bangor.....	4.48	2.50	3.11	2.69	2.16	5.85	1.28	3.27	0.87	2.52	2.52	2.31	33.56
Danforth.....	3.14	2.31	1.92	3.03	2.72	5.46	1.79	3.71	2.47	3.41	1.51	2.50	33.97
Lincoln.....	4.22	2.96	3.04	3.44	2.31	5.55	1.12	3.46	1.36	2.46	2.73	1.95	34.60
Millinocket.....	4.20	2.16	3.47	3.69	1.58	6.31	1.58	3.86	1.92	3.88	2.25	2.30	37.20
Milo.....	.....	2.65	2.92	.....	.....	3.93	1.35	4.41	2.68	3.12	3.31	2.37	.....
Old Town.....	4.49	2.82	3.37	2.90	2.75	5.58	1.49	3.41	2.29	3.36	2.07	1.50	36.03
Ripogenus.....	3.74	2.14	1.97	3.18	1.76	4.63	2.08	4.16	4.93	3.50	3.43	2.54	38.06
KENNEBEC RIVER													
Brassua Dam.....	2.23	1.87	4.29	3.23	0.92	6.96	0.78	3.81	2.82	3.57	3.00	3.15	36.63
Eustis.....	2.03	1.92	4.10	2.83	1.11	5.63	1.22	4.87	3.14	2.61	3.03	3.12	35.61
Farmington.....	3.10	2.83	3.51	3.00	1.21	7.01	1.68	4.00	3.77	5.14	4.78	1.08	41.11
Gardiner.....	3.11	2.88	3.56	2.39	3.14	7.39	1.85	4.59	1.93	3.59	3.38	0.69	38.50

PRECIPITATION, IN INCHES, AT STATIONS IN DRAINAGE BASINS OF MAINE RIVERS
During the Year Ending Sept. 30, 1930

STATION	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
KENNEBEC RIVER													
Greenville.....	3.12	2.13	3.41	2.59	1.81	6.22	2.11	5.17	4.48	4.59	4.24	2.28	42.15
Jackman.....	1.77	1.75	4.04	3.04	1.06	5.44	1.01	4.47	3.88	3.71	1.85	4.16	36.18
Madison.....	2.73	3.00	3.42	2.36	1.54	5.74	1.32	4.03	3.24	3.57	4.16	1.07	36.18
The Forks.....	2.59	2.38	3.85	2.94	0.86	6.47	0.76	4.29	3.13	2.80	2.57	2.11	34.75
Winslow.....	3.46	2.51	3.33	2.39	1.82	5.88	1.46	4.01	1.50	3.49	3.34	0.49	33.68
ANDROSCOGGIN RIVER													
Aziscohos.....	2.42	2.60	3.62	2.49	1.28	3.69	1.23	5.29	5.41	3.84	2.59	2.61	37.07
Berlin, N. H.....	1.89	1.39	2.79	2.30	1.13	3.73	1.64	5.40	2.82	4.06	3.25	1.38	31.78
Cupsuptic.....	2.18	2.07	2.25	2.18	1.50	2.63	1.74	6.27	6.55	3.90	2.28	2.74	36.29
Errol, N. H.....	2.54	2.69	4.02	3.02	1.67	3.97	1.30	5.60	5.99	5.32	2.89	2.89	41.90
Gorham, N. H.....	2.48	2.15	3.21	2.47	1.37	5.83	2.52	4.52	3.00	3.75	3.53	0.72	35.55
Lewiston.....	2.60	3.12	4.04	2.70	2.25	6.80	2.05	4.66	2.94	3.21	4.78	1.47	40.62
Livermore.....	2.88	2.39	3.74	2.67	1.87	7.38	1.89	4.18	4.76	3.92	4.04	0.97	40.69
Middle Dam.....	2.65	2.69	3.02	2.17	1.13	3.68	1.76	7.00	5.10	5.60	2.95	2.92	40.67
Oquosoc.....	1.91	2.56	4.25	2.92	1.57	4.30	1.70	5.17	4.37	3.90	2.98	2.70	38.33
Pontocook Dam.....	1.99	2.66	4.21	2.69	2.11	3.85	1.52	4.90	3.43	4.85	2.11	1.95	36.27
Rumford.....	2.64	2.67	4.19	2.99	1.06	5.72	2.13	4.49	4.04	4.28	4.06	0.71	38.98
Upper Dam.....	1.95	2.36	3.83	2.56	1.43	4.08	1.67	5.15	4.92	2.87	2.36	2.97	36.15
PRESUMPSCOT RIVER													
North Bridgton.....	2.41	2.75	4.16	2.83	1.29	6.88	2.02	5.42	3.84	3.41	5.43	1.28	41.72
Portland.....	3.00	4.55	4.88	2.80	2.15	8.02	1.44	4.95	1.96	3.59	2.62	1.55	41.51
SACO RIVER													
Biddeford.....	3.21	3.45	4.36	2.89	2.11	7.27	1.70	5.02	2.51	3.09	2.08	0.75	38.44
Hiram.....	2.32	3.41	1.66	3.54	0.88	6.88	.....	.....	.....	.....	.....	0.65	.....
Union Falls.....	2.31	3.02	3.37	2.51	1.90	7.04	1.47	4.00	2.45	2.91	2.44	1.71	35.13

ST. JOHN RIVER AT VAN BUREN, MAINE

Mean Monthly Discharge in Second Feet Per Square Mile [Drainage Area, 8270 Square Miles]

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Mean for year
1908									4.67	1.39	.923		
1908-9									2.33	1.92	1.19	2.18	
1909-10	2.83	1.68							2.24	.591	.567	.432	
1910-11	.415	.852	.218	.162	.122	.129	1.56	6.47	1.60	.654	.706	.469	1.11
1911-12	.432	.423	.326	.230	.170	.184	3.38	8.22	5.13	.812	1.75	.684	1.81
1912-13	.132	2.94	1.63	.839	.452	1.19	5.44	4.67	2.38	1.16	.474	.347	1.91
1913-14	.830	1.08	.580	.313	.279	.304	1.39	7.40	2.31	.684	.322	.582	1.34
1914-15	.866	1.17	.764	.366	.405	1.01	4.70	5.74	1.49	.998	.522	.631	1.56
1915-16	1.35	1.21	.917	.651	.509	.646	4.58	4.26	2.01	1.32	.548	.271	1.52
1916-17	.935	.653	1.11	.560	.312	.278	3.41	7.29	5.37	1.95	.907	.399	1.93
1917-18	1.08	2.19	.553	.271	.197	.197	3.23	6.64	2.11	2.70	1.06	1.16	1.79
1918-19	1.43	1.73	.955	.707	.430	.602	4.76	9.48	1.90	.701	.612	.659	2.01
1919-20	.628	.838	.486	.227	.145	.412	4.27	6.75	2.08	1.87	.893	1.28	1.66
1920-21	2.59	1.40	.836	.571	.375	1.54	6.37	3.04	.705	4.00	.794	.424	1.64
1921-22	1.78	1.08	.792	.407	.258	.407	4.35	3.56	4.44	2.01	.484	.261	1.66
1922-23	.343	.290	1.63	.139	.105	.093	1.02	7.96	1.46	.524	.394	.433	1.09
1923-24	.792	1.79	2.01	.591	.352	.277	1.06	10.02	2.01	.700	.469	.636	1.74
1924-25	.831	.923	.784	.337	.394	.544	4.39	6.52	1.85	1.08	.794	.726	1.61
1925-26	2.21	3.05	1.31	.520	.283	.200	3.08	8.23	3.01	.925	.323	.740	1.78
1926-27	1.25	2.59	1.16	.453	.274	.343	3.28	3.93	2.88	1.09	.774	.504	1.55
1927-28	1.52	4.47	2.55	1.09	.534	.358	3.54	9.44	3.48	1.52	1.25	.778	2.55

ST. JOHN RIVER AT VAN BUREN, MAINE.

Per Cent of Time Duration Table [Drainage Area, 8270 Square Miles]

Sec. ft. per sq. mi.	1912-13	1913-14	1914-15	1915-16	1916-17	1917-18	1918-19	1919-20	1920-21	1921-22	1922-23	1923-24	1924-25	1925-26	1926-27	1927-28	Mean 16-year Period
0.05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	89.0	100.0	100.0	100.0	100.0	100.0	99.3
.15	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	69.9	100.0	100.0	100.0	100.0	100.0	97.5
.2	100.0	100.0	100.0	100.0	100.0	100.0	87.7	100.0	85.8	100.0	95.6	61.6	100.0	100.0	95.3	100.0	95.4
.3	92.1	80.0	90.4	91.3	82.2	76.2	99.5	77.0	93.4	83.0	45.2	90.7	90.4	75.6	89.0	99.7	84.7
.4	81.1	56.4	77.5	86.9	75.3	71.0	87.4	73.0	81.6	73.4	32.9	76.0	83.8	69.6	81.1	90.4	74.8
.5	78.4	47.9	71.2	82.5	69.0	65.8	77.8	69.7	69.6	66.3	28.8	64.8	70.1	61.4	76.4	83.3	67.7
.6	74.8	41.4	66.6	73.8	63.6	61.6	67.7	66.9	59.7	57.0	26.0	54.1	59.2	58.4	65.2	79.8	61.0
.7	67.7	37.5	58.6	64.8	56.7	58.9	62.2	57.9	51.8	52.6	22.2	46.2	54.5	54.5	58.6	76.8	55.1
.8	61.6	35.9	53.4	58.2	49.3	55.3	56.2	50.5	47.7	47.4	20.8	41.8	47.4	50.4	51.5	71.3	49.9
.9	56.2	33.7	47.9	51.9	45.2	52.9	52.1	46.7	41.9	42.2	18.9	38.0	44.7	46.8	46.6	65.8	45.7
1.0	50.7	29.3	41.1	49.2	41.4	50.4	47.4	43.4	37.5	40.0	17.3	35.2	38.4	42.7	41.6	62.6	41.8
1.1	47.7	26.6	37.5	43.2	38.1	48.2	44.1	40.4	34.2	37.8	15.3	33.9	34.8	40.8	38.9	61.2	38.9
1.2	45.5	24.7	30.7	36.6	37.3	46.0	39.2	37.4	31.8	35.9	14.5	29.8	32.9	39.5	35.3	59.0	36.0
1.3	44.1	23.8	26.8	33.6	36.4	43.6	36.7	34.4	31.0	33.7	14.0	28.4	31.0	37.0	34.2	5.66	34.1
1.4	41.9	21.9	24.4	30.1	35.1	41.1	34.2	32.2	30.7	31.8	13.2	27.3	29.3	35.1	32.1	53.3	32.1
1.5	40.0	20.8	20.5	28.4	34.0	38.9	31.0	30.3	28.5	30.1	12.9	26.0	26.3	32.3	29.0	47.8	29.8
1.6	39.7	19.7	18.1	25.7	31.2	37.8	29.3	29.0	27.4	28.2	12.6	25.1	25.5	31.0	28.2	45.4	28.4
1.75	38.4	18.1	17.0	21.9	29.3	34.8	27.1	27.9	24.4	26.3	12.1	23.0	23.0	29.0	26.8	41.8	26.3
1.9	35.1	16.4	16.4	20.5	26.0	31.2	23.8	26.2	21.9	25.2	11.8	21.3	21.9	26.0	25.8	38.5	24.2
2.05	32.6	14.5	16.2	18.6	24.1	27.1	21.6	24.6	20.3	24.4	10.7	19.7	20.5	22.7	25.2	37.2	22.5
2.25	29.9	13.2	15.1	17.2	23.3	24.4	18.9	22.4	18.1	23.0	10.4	18.3	20.0	20.8	23.6	34.4	20.8
2.5	28.2	12.6	14.0	15.0	21.9	22.5	17.3	20.8	17.0	21.6	9.6	17.5	18.4	19.2	21.6	33.1	19.4
2.75	23.8	12.3	13.2	12.6	21.4	20.0	15.6	18.0	15.9	19.5	9.3	15.6	16.4	17.5	19.2	30.6	17.6
3.0	20.0	11.8	11.8	10.1	20.3	18.4	14.8	15.0	14.8	18.1	9.0	13.7	15.9	15.9	17.3	27.6	15.9
3.5	15.1	10.7	11.0	7.4	18.6	15.6	13.4	12.8	14.0	15.1	8.8	10.7	13.7	14.0	15.1	21.6	13.6
4.0	12.3	9.6	10.4	6.6	16.4	12.3	13.2	12.0	12.6	12.6	8.2	9.6	9.0	12.1	10.7	18.6	11.6
4.5	8.2	9.3	9.0	6.3	14.5	11.0	12.9	11.2	11.0	11.0	7.4	8.5	7.7	10.1	4.4	15.6	9.9
5.0	6.8	8.8	8.8	5.7	14.0	8.5	12.6	10.1	9.0	9.6	7.1	7.9	7.1	9.0	3.3	13.7	9.9
7.0	3.0	3.3	6.3	3.8	9.6	4.4	9.0	4.1	5.5	3.0	4.4	6.3	4.7	6.8	1.6	9.6	5.3
10.0	1.4	1.9	.5	.5	.5	1.1	4.4	1.1	1.1	1.1	3.0	5.2	1.4	1.4	.3	4.4	1.8
15.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0

Mean flow for period of duration table—1.71 sec. ft. per sq. mi.

PUBLIC UTILITIES COMMISSION REPORT

ST. JOHN RIVER AT FORT KENT, MAINE

(Below Mouth of Fish River)

Mean Monthly Discharge in Second Feet per Square Mile
 [Drainage Area, 5690 Square Miles]

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1926-27	0.988	2.32	1.03	.385	.211	.337
1927-28	1.61	4.25	2.21	.898	.469	.313
1928-29	1.35	1.39	.866	.805	.425	.441

Year	Apr.	May	June	July	Aug.	Sept.	Mean for year
1926-27	3.34	3.55	2.55	1.04	.603	.366	1.40
1927-28	2.99	10.60	3.25	1.34	.993	.742	2.48
1928-29	3.32	7.91	2.04	1.16	.610	.422	1.74

ST. JOHN RIVER AT FORT KENT, MAINE
 (Below Mouth of Fish River)
 Per Cent of Time Duration Table
 [Drainage Area, 5690 Square Miles]

Sec. ft. per sq. mi.	1926-27	1927-28	1928-29	Mean 3-year period
0.05				
.1				
.15	100.0	100.0	100.0	100.0
.2	92.6	100.0	100.0	97.5
.3	84.1	84.5	90.1	89.6
.4	74.5	85.5	84.4	81.5
.5	66.3	80.3	77.0	74.5
.6	58.4	74.9	70.7	68.0
.7	48.8	67.5	66.0	60.8
.8	43.0	62.6	55.9	53.8
.9	40.0	59.6	46.6	48.7
1.0	37.5	57.1	40.3	45.0
1.1	34.2	54.1	35.1	41.1
1.2	30.7	51.6	32.6	38.3
1.3	29.9	50.0	29.9	36.6
1.4	26.8	45.1	28.2	33.4
1.5	26.0	43.4	27.7	32.4
1.6	25.8	41.3	27.1	31.4
1.75	24.1	39.1	26.0	29.7
1.9	23.3	36.9	23.8	28.0
2.05	22.7	35.0	22.5	26.7
2.25	21.9	32.0	20.5	24.8
2.5	19.2	29.2	18.1	22.2
2.75	17.5	26.0	15.1	19.5
3.0	16.2	23.2	13.2	17.5
3.5	11.0	19.7	9.9	13.5
4.0	6.6	17.2	9.6	11.1
4.5	3.6	15.8	8.5	9.3
5.0	2.7	13.4	7.1	7.7
7.0	1.6	9.6	5.8	5.7
10.0	.8	5.7	3.3	3.3
15.0	.0	.5	.0	.2

Mean flow for period of duration table—1.87 sec. ft. per sq. mi.

ST. CROIX RIVER NEAR BAILEYVILLE, MAINE
Mean Monthly Discharge in Second Feet per Square Mile [Drainage Area, 1320 Square Miles]

Year	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Mean for Year
1919-20	.....	.....	1.24	.985	.765	1.08	7.20	4.45	1.30	1.21	1.27	1.33	
1920-21	1.90	1.52	1.81	1.39	1.16	2.89	3.05	4.61	.864	1.10	1.16	1.765	1.61
1921-22	.504	.667	.742	.592	.407	1.43	2.50	1.04	.773	1.38	1.45	1.54	1.08
1922-23	1.05	1.07	.947	1.11	.992	.841	3.11	5.67	1.30	1.32	1.29	1.51	1.69
1923-24	.886	.947	1.32	1.11	1.09	.894	2.44	1.99	1.38	1.25	1.27	1.26	1.32
1924-25	1.01	.788	.742	.714	.833	1.88	2.33	1.02	1.14	1.08	.985	.977	1.12
1925-26	2.51	2.64	1.93	1.69	1.83	1.89	2.81	4.08	1.67	1.36	1.06	1.08	2.05
1926-27	1.84	2.10	1.67	1.67	1.51	2.02	2.04	2.55	2.36	1.09	1.09	1.05	1.75
1927-28	2.00	2.45	2.89	2.70	1.85	1.89	4.29	3.36	2.05	1.35	1.73	1.16	2.31
1928-29	1.26	1.17	1.19	1.41	1.24	1.75	3.06	4.01	-1.67	1.23	1.07	.917	1.67

ST CROIX RIVER NEAR BAILEYVILLE, MAINE

Per Cent of Time Duration Table [Drainage Area, 1320 Square Miles]

Sec. ft. per sq. mile	1920-21	1921-22	1922-23	1923-24	1924-25	1925-26	1926-27	1927-28	1928-29	Mean 9-year period
0.05				100.0						
0.1				99.7						
0.15				99.7						
0.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.3	100.0	99.2	100.0	99.5	100.0	100.0	100.0	100.0	100.0	99.9
0.4	100.0	92.9	100.0	99.2	99.7	100.0	100.0	100.0	100.0	99.1
0.5	100.0	87.1	100.0	98.6	97.3	100.0	100.0	100.0	100.0	98.1
0.6	98.4	78.9	98.9	97.5	89.9	100.0	99.7	100.0	100.0	95.9
0.7	96.2	66.6	98.1	95.1	81.4	100.0	99.2	100.0	98.6	92.8
0.8	92.3	49.6	93.4	91.5	74.0	96.4	98.4	99.2	98.4	88.1
0.9	83.8	43.0	86.3	84.4	66.6	95.6	96.4	97.3	93.7	83.0
1.0	79.7	38.4	71.8	71.9	54.5	93.2	88.8	96.2	87.4	75.8
1.1	71.5	34.8	59.7	57.9	37.8	89.3	79.7	89.6	87.7	65.3
1.2	60.5	29.3	44.7	45.4	26.3	78.4	69.6	82.2	53.4	54.4
1.3	51.5	25.2	33.7	35.0	17.3	71.2	67.4	78.4	43.8	47.1
1.4	44.7	21.9	25.2	26.2	14.8	68.8	62.5	74.3	39.2	42.0
1.5	40.0	19.2	22.5	19.9	12.1	66.0	55.9	72.4	35.1	38.1
1.6	32.3	15.6	17.8	15.0	10.1	62.7	49.3	70.2	32.6	34.0
1.75	27.1	13.7	14.0	10.4	9.0	56.7	41.4	65.6	27.7	29.5
1.9	23.6	11.5	12.9	8.5	8.2	48.2	35.9	59.3	25.5	26.0
2.05	21.4	8.8	12.1	7.9	7.7	34.8	25.8	47.3	17.3	20.3
2.25	18.4	7.4	11.5	7.1	6.3	23.0	18.4	32.2	14.0	15.4
2.5	16.2	5.8	10.1	5.7	2.7	14.8	15.1	28.1	12.6	12.3
2.75	12.1	4.4	9.3	4.9	2.7	13.7	11.2	24.3	11.2	10.4
3.0	8.8	3.3	9.0	4.4	2.5	12.1	8.2	21.0	10.7	8.9
3.5	4.7	2.5	7.7	3.8	2.2	8.5	3.6	15.3	8.5	6.3
4.0	2.7	2.2	7.1	2.7	1.4	7.1	2.5	11.2	6.6	4.8
4.5	1.6	1.4	6.8	.5	.0	5.5	.3	8.2	4.4	3.2
5.0	.5	.0	5.2	.0	.0	4.7	.0	4.9	3.3	2.1
7.0	.0	.0	2.7	.0	.0	1.6	.0	.5	.0	.5
10.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.2
15.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0

Mean flow for period of duration table—1.62 sec. ft. per sq. mi.

MACHIAS RIVER AT WHITNEYVILLE, MAINE
Mean Monthly Discharge in Second Feet per Square Mile
[Drainage Area, 465 Square Miles]

Year	Oct.	Nov.	Dec.	Jan.	Feb.	March
1920-21	1.62	1.79	3.23	1.61	.718	4.30

Year	April	May	June	July	Aug.	Sept.	Mean for Year
1920-21	4.28	2.19	1.29	.441	.280	.170	1.83

MACHIAS RIVER AT WHITNEYVILLE, MAINE
Per Cent of Time Duration Table
[Drainage Area, 465 Square Miles]

Sec. ft. per sq. mi.	1920-21	Mean 12-year Period Ending Sept. 30. 1921
.05	100.0	100.0
.1	97.3	99.6
.15	92.6	98.9
.2	91.2	98.5
.3	83.3	95.5
.4	79.7	92.6
.5	78.1	87.8
.6	74.8	83.5
.7	72.6	79.3
.8	69.0	73.9
.9	64.9	68.6
1.0	58.9	64.6
1.1	57.5	61.8
1.2	52.9	58.4
1.3	49.3	55.3
1.4	48.5	52.0
1.5	46.0	49.9
1.6	43.3	46.2
1.75	40.3	42.9
1.9	35.3	39.1
2.05	31.2	36.9
2.25	26.6	33.7
2.5	22.5	29.7
2.75	20.0	27.0
3.0	18.1	24.1
3.5	15.9	19.7
4.0	13.4	15.9
4.5	8.8	12.8
5.0	7.7	10.4
7.0	1.4	4.4
10.0	.0	1.5
15.0	.....	.2
20.0	.....	.0

Mean flow for period of duration table—2.24 sec. ft. per sq. mi.

EAST MACHIAS RIVER NEAR EAST MACHIAS, MAINE
Mean Monthly Discharge in Second Feet per Square Mile
[Drainage Area, 234 Square Miles]

Year	Oct.	Nov.	Dec.	Jan.	Feb.	March
1926-27	2.32	3.17	1.92	.....	.....	.....
1927-28	3.12	3.88	4.17	3.45	2.08	1.88
1928-29	.765	1.06	1.75	2.94	1.21	1.53

Year	April	May	June	July	Aug.	Sept.	Mean for Year
1926-27	3.02	2.18	2.35	2.26	1.75	1.63	.....
1927-28	5.60	3.91	2.15	1.27	.564	.470	2.71
1928-29	5.34	7.95	3.03	1.20	.453	.594	2.33

EAST MACHIAS RIVER NEAR EAST MACHIAS, MAINE
Per Cent of Time Duration Table
[Drainage Area, 234 Square Miles]

Sec. ft. per sq. mi.	1927-28	1928-29	Mean 2-year period
0.05	.....	.....	.....
.10	.....	.....	.....
.15	.....	.....	.....
.2	.....	100.0	100.0
.3	100.0	98.1	99.0
.4	99.5	95.6	97.6
.5	92.1	95.3	93.7
.6	86.1	86.3	86.2
.7	83.6	79.7	81.6
.8	82.2	73.2	77.7
.9	78.7	70.4	74.6
1.0	77.0	67.4	72.2
1.1	75.4	61.6	68.5
1.2	73.8	58.1	66.0
1.3	71.0	49.9	60.4
1.4	69.9	43.3	56.6
1.5	69.1	41.4	55.2
1.6	67.5	38.1	52.8
1.75	65.0	36.2	50.6
1.9	62.8	35.1	49.0
2.05	59.6	34.5	47.0
2.25	50.8	31.8	41.3
2.5	47.8	29.3	38.6
2.75	42.6	24.9	33.8
3.0	40.7	23.0	31.8
3.5	27.3	18.9	23.1
4.0	22.4	17.8	20.1
4.5	17.5	15.3	16.4
5.0	13.4	13.7	13.6
7.0	3.3	10.4	6.8
10.0	.0	.0	.0
15.0	.....	.....	.....

Mean flow for period of duration table—2.52 sec. ft. per sq. mi.

WEST BRANCH OF PENOBSCOT RIVER AT MILLINOCKET, MAINE
 Mean Monthly Discharge in Second Feet per Square Mile [Drainage Area, 1910 Square Miles]
 Observed Discharge

Year	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Mean for Year
1900-01				.749	.853	.848	4.95	3.45	1.39	1.88	1.35	1.36	
1901-02	.712	.343	.607	1.12	1.19	2.82	6.18	4.95	4.92	1.26	1.37	1.14	2.22
1902-03	1.20	1.28	1.39	.853	.974	3.02	6.96	3.38	1.11	1.27	1.74	1.01	2.02
1903-04	.414	.203	.225	.172	.191	.276	.524	2.66	1.93	1.68	1.78	1.13	.932
1904-05	1.16	1.20	1.13	1.17	1.14	.901	1.16	3.17	1.39	1.26	1.61	1.20	1.37
1905-06	.770	.226	.214	.211	.391	.360	.628	3.61	2.52	1.90	1.69	1.06	1.13
1906-07	1.07	1.08	1.06	1.06	.791	.199	.754	3.70	3.63	2.73	1.82	1.12	1.58
1907-08	1.42	3.76	2.36	1.64	1.50	1.57	1.28	5.34	3.62	1.98	1.30	1.05	2.26
1908-09	.927	.901	.958	.728	.426	.712	1.28	4.89	2.42	1.73	1.21	1.19	1.45
1909-10	1.22	1.16	1.15	1.12	2.15	2.12	1.31	2.98	2.82	1.49	1.20	1.23	1.66
1910-11	1.16	1.13	1.12	1.15	.749	.360	.576	1.25	1.23	1.16	1.21	1.16	1.02
1911-12	1.16	1.13	1.05	1.08	1.07	1.06	1.20	3.47	3.93	1.78	1.25	1.16	1.61
1912-13	1.17	3.32	1.71	1.14	1.14	1.24	3.20	3.57	1.99	1.34	1.16	1.20	1.85
1913-14	1.21	1.23	1.22	1.35	1.42	1.50	1.77	3.62	1.73	1.66	1.63	1.33	1.64
1914-15	1.20	1.19	1.17	1.17	1.08	.890	.911	1.17	1.18	1.29	1.40	1.19	1.15
1915-16	1.20	1.19	1.19	1.17	1.17	1.36	1.55	1.39	1.51	1.86	1.59	1.34	1.38
1916-17	1.17	1.18	1.16	1.25	1.17	1.36	1.54	4.01	6.70	2.47	3.12	1.47	2.23
1917-18	1.53	1.81	1.52	1.46	1.81	2.06	1.77	1.55	1.54	2.51	1.61	1.48	1.72
1918-19	1.56	2.24	1.81	1.54	1.59	1.58	3.36	6.60	1.99	1.61	1.61	1.58	2.47
1919-20	1.26	1.25	1.36	1.61	1.60	1.58	1.57	3.53	1.73	1.55	1.64	1.60	1.69
1920-21	1.58	1.65	1.63	1.74	1.79	1.81	2.04	2.00	1.57	1.53	1.60	1.48	1.70
1921-22	1.58	1.61	1.57	1.50	1.36	1.03	1.28	1.43	1.38	1.39	1.45	1.40	1.41
1922-23	1.40	1.49	1.48	1.41	1.19	.832	.639	1.56	1.45	1.42	1.46	1.41	1.31
1923-24	1.29	1.06	1.29	1.39	1.42	1.43	1.41	1.39	1.42	1.29	1.30	1.31	1.34
1924-25	1.28	1.30	1.25	1.14	1.09	1.19	1.30	1.31	1.33	1.35	1.42	1.38	1.28
1925-26	1.42	1.72	1.90	1.51	1.35	1.38	1.37	2.98	1.86	1.47	1.48	1.49	1.66
1926-27	1.46	1.30	1.41	1.50	1.51	1.51	1.50	1.50	1.49	1.51	1.63	1.52	1.49
1927-28	1.36	1.36	1.51	1.86	1.82	2.04	1.90	5.65	3.11	1.68	1.72	1.72	2.15
1928-29	1.71	1.72	1.65	1.66	1.66	1.63	1.95	2.10	2.24	1.70	1.62	1.68	1.77

Mean 28 years ending Sept. 30, 1929—1.62 sec. ft. per sq. mi.

WEST BRANCH OF PENOBSCOT RIVER AT MILLINOCKET, MAINE

Mean Monthly Discharge in Second Feet per Square Mile [Drainage Area, 1910 Square Miles]
Flow Corrected for Storage

Year	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Mean for Year
1900-01				.419	.441	.381	6.44	4.27	1.26	.733	.963	.370	
1901-02	.215	.335	1.64	1.36	1.13	2.45	7.64	5.34	4.92	.450	.602	.733	2.23
1902-03	1.56	1.94	1.20	.498	.457	2.69	9.01	4.34	.838	.456	.665	.058	1.98
1903-04	.125	.216	.263	.180	.159	.235	1.50	6.44	1.52	.759	.581	1.08	1.09
1904-05	2.26	.948	.387	.366	.179	.194	3.09	4.55	2.04	.853	.173	.052	1.26
1905-06	.052	.154	.146	.228	.387	.194	1.40	7.33	2.59	.853	.270	.139	1.16
1906-07	.832	.942	.524	.660	.299	.207	1.50	8.48	3.40	3.18	1.57	.843	1.87
1907-08	1.51	3.65	1.87	1.27	.848	.796	2.11	8.27	3.36	.743	.534	.131	2.09
1908-09	.162	.126	.173	.424	.393	.555	4.32	7.96	1.88	1.20	.487	1.02	1.56
1909-10	2.22	1.35	1.00	.749	.848	.759	4.88	3.31	2.51	1.17	.550	.209	1.63
1910-11	.183	.550	.340	.199	.225	.236	1.10	4.79	1.30	.497	.545	.675	.887
1911-12	.864	.796	1.82	1.03	.458	.576	4.20	5.65	3.80	.890	1.75	.885	1.89
1912-13	1.53	2.96	1.26	1.03	.550	1.36	5.02	3.65	1.88	.995	.539	.592	1.78
1913-14	1.37	1.58	1.01	.644	.316	.187	2.24	7.54	1.54	.733	.539	.392	1.52
1914-15	.660	.906	.597	.343	.336	.785	2.81	3.98	1.59	1.19	.484	.485	1.18
1915-16	.801	.728	1.09	.990	.717	.728	4.00	3.25	2.01	1.99	1.27	.969	1.54
1916-17	.937	.953	1.86	.869	.434	.859	3.80	5.55	6.96	2.21	3.10	1.20	2.39
1917-18	1.64	1.89	.796	.328	.157	.108	4.28	4.29	1.31	2.87	1.14	1.26	1.68
1918-19	1.70	2.96	1.62	1.17	.586	1.16	5.19	6.70	1.75	1.02	.649	.555	2.10
1919-20	.895	2.12	.817	.257	.254	.242	6.18	5.34	1.53	1.47	.717	1.07	1.74
1920-21	1.61	2.03	1.39	.885	.586	2.61	5.34	1.61	.644	.890	.534	.236	1.53
1921-22	1.39	1.46	.963	.280	.342	.211	5.65	1.96	3.95	1.36	.654	.227	1.53
1922-23	.472	.921	.146	.270	.262	.513	3.28	6.39	.974	.738	.406	.431	1.24
1923-24	.817	1.23	2.16	.529	.216	.157	2.36	6.81	1.08	.686	.864	.215	1.43
1924-25	.361	.311	.510	.341	.480	1.04	4.81	2.69	1.84	1.97	.545	.864	1.31
1925-26	2.99	3.19	1.74	.660	.510	.141	.827	6.60	1.82	1.14	.785	.560	1.76
1926-27	.660	2.81	1.07	.592	.470	.555	2.95	2.71	2.42	1.38	.665	.743	1.42
1927-28	1.65	3.30	2.05	1.35	1.14	4.86	3.92	6.49	3.03	1.18	1.41	.743	2.23
1928-29	1.47	2.22	1.23	.984	.764	.427	3.89	5.01	1.98	1.02	.712	.381	1.68

Mean 28 years ending Sept. 30, 1929—1.63 sec. ft. per sq. mi.

WEST BRANCH OF PENOBSCOT RIVER NEAR MEDWAY, MAINE
Mean Monthly Discharge in Second Feet per Square Mile
[Drainage Area, 2120 Square Miles]

Year	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Mean for Year
1915-16						1.29	1.75	1.59	1.58	1.63	1.67	1.23	.....
1916-17	1.07	1.22	1.40	1.60	1.25	1.44	1.91	3.76	5.52	2.40	2.89	1.34	2.16
1917-18	1.50	2.00	1.54	1.69	2.28	2.40	2.09	1.87	1.61	2.49	1.64	1.47	1.88
1918-19	1.74	2.56	1.98	1.81	1.72	1.80	3.16	5.66	2.32	1.56	1.54	1.54	2.28
1919-20	1.33	1.52	1.47	1.67	1.68	1.56	2.33	3.87	2.08	1.55	1.59	1.61	1.86
1920-21	1.79	1.79	1.92	1.95	2.05	2.16	2.58	2.37	1.55	1.60	1.61	1.55	1.91
1921-22	1.67	1.83	1.82	1.73	1.52	1.38	1.66	1.52	1.93	1.56	1.59	1.50	1.64
1922-23	1.43	1.59	1.62	1.62	1.29	.868	.934	1.91	1.49	1.39	1.31	1.29	1.40
1923-24	1.42	1.32	1.40	1.48	1.49	1.45	1.90	1.88	1.47	1.38	1.33	1.58	1.50
1924-25	1.39	1.38	1.34	1.23	1.13	1.32	1.48	1.33	1.46	1.48	1.36	1.43	1.36
1925-26	1.67	2.06	2.28	1.83	1.54	1.52	1.57	2.92	1.97	1.53	1.47	1.42	1.82
1926-27	1.62	1.63	1.56	1.52	1.52	1.54	1.70	1.70	1.70	1.60	1.76	1.58	1.62
1927-28	1.58	1.83	1.69	1.79	1.78	1.97	2.25	6.08	3.37	1.74	1.75	1.71	2.30
1928-29	1.73	1.79	1.71	1.74	1.62	1.64	2.24	2.42	2.32	1.59	1.46	1.53	1.82

WEST BRANCH OF PENOBSCOT RIVER NEAR MEDWAY, MAINE
Per Cent of Time Duration Table [Drainage Area, 2120 Square Miles]

Sec. ft. per sq. mi.	1916-17	1917-18	1918-19	1919-20	1920-21	1921-22	1922-23	1923-24	1924-25	1925-26	1926-27	1927-28	1928-29	Mean 13-year period
0.05														
.1														
.15														
.2														
.3														
.4														
.5							100.0							100.0
.6							99.7							100.0
.7							95.3							99.6
.8	100.0	100.0	100.0	100.0	100.0	100.0	92.3							99.4
.9	100.0	100.0	100.0	100.0	99.7	100.0	90.1	100.0	100.0	100.0	100.0	100.0	100.0	99.2
1.0	98.1	99.7	100.0	100.0	99.7	100.0	86.6	99.5	99.7	100.0	100.0	100.0	100.0	98.9
1.1	91.8	99.7	100.0	99.7	99.2	99.5	84.7	98.9	97.3	100.0	100.0	100.0	99.7	98.3
1.2	83.8	98.9	99.5	98.1	97.8	97.0	80.5	97.0	90.4	99.5	99.5	100.0	99.2	96.5
1.3	75.1	93.7	98.6	92.3	97.0	91.0	77.5	92.6	79.7	97.3	98.6	100.0	98.9	93.8
1.4	59.2	87.7	96.4	87.7	90.4	81.1	71.5	82.5	66.0	92.9	97.0	99.5	98.9	88.9
1.5	50.4	79.2	91.0	73.5	89.3	69.3	59.2	69.4	47.4	88.2	93.4	98.1	97.0	81.2
1.6	45.2	66.6	77.5	54.6	85.5	53.7	40.0	45.6	17.0	70.4	81.9	95.9	87.9	68.6
1.75	40.3	46.6	51.2	28.7	56.4	29.6	25.2	25.4	7.9	53.2	52.1	89.1	75.3	54.7
1.9	33.4	35.9	35.9	20.2	37.8	16.4	12.6	13.4	2.7	36.2	19.5	57.9	36.7	33.2
2.05	27.1	25.8	28.2	17.2	29.0	4.7	4.7	5.5	.0	15.6	.8	35.2	22.7	21.6
2.25	22.7	18.4	20.5	16.4	11.8	1.9	1.6	.8	.0	11.5	.3	20.8	12.6	15.3
2.5	20.8	11.0	17.5	13.4	6.6	1.1	1.4	.5	.0	7.4	.0	14.2	6.8	10.7
2.75	19.7	5.2	15.6	8.2	4.7	.8	.5	.0	.0	6.3	.0	12.3	3.3	7.7
3.0	18.4	3.6	14.2	5.7	3.3	.5	.3	.0	.0	5.5	.0	10.4	2.2	5.9
3.5	14.2	2.7	13.2	4.4	1.6	0	.0	.0	.0	3.0	.0	9.0	.8	4.9
4.0	9.0	1.9	12.3	4.1	1.6	.0	.0	.0	.0	2.2	.0	8.5	.3	3.8
4.5	8.2	.8	10.4	3.6	1.4	.0	.0	.0	.0	1.9	.0	7.4	.3	3.1
5.0	7.7	.3	8.8	2.7	1.1	.0	.0	.0	.0	1.6	.0	6.6	.3	2.6
7.0	2.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	4.1	.0	2.2
10.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	.5
15.0														.1
														.0

Mean flow for period of duration table—1.81 sec ft. per sq. mi.

PENOBSCOT RIVER AT WEST ENFIELD, MAINE
Mean Monthly Discharge in Second Feet per Square Mile
[Drainage Area, 6600 Square Miles]

Year	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Mean for Year
1920-21	2.12	1.65	2.15	1.59	1.24	3.32	4.67	1.82	.886	.736	.779	.658	1.80
1921-22	.948	1.27	1.35	.867	.759	2.20	3.89	1.77	3.23	2.24	1.09	.847	1.71
1922-23	.809	.979	.756	1.14	.812	.698	4.05	5.67	1.09	.830	.721	.602	1.52
1923-24	.641	.902	1.53	1.12	.841	1.03	3.09	3.83	1.23	.795	.652	.752	1.37
1924-25	.688	.747	.892	.609	.882	2.20	3.06	1.65	1.14	1.18	.744	.903	1.22
1925-26	2.42	3.45	2.20	1.23	1.06	1.05	2.20	5.33	1.80	.985	.817	.859	1.95
1926-27	1.23	2.79	1.28	1.11	1.03	1.38	3.12	2.38	2.12	.997	1.16	.998	1.64
1927-28	2.02	3.53	2.59	1.88	1.35	1.27	4.27	5.09	2.58	1.19	1.24	1.16	2.35
1928-29	1.36	1.47	1.44	1.71	1.10	1.22	4.36	4.45	1.74	1.00	.770	.686	1.79

PENOBSCOT RIVER AT WEST ENFIELD, MAINE

Per Cent of Time Duration Table -
[Drainage Area, 6600 Square Miles]

Sec. ft. per sq. mile	1920-21	1921-22	1922-23	1923-24	1924-25	1925-26	1926-27	1927-28	1928-29	Mean 17-year period ending Sept. 30, 1929
0.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.5	100.0	100.0	99.2	99.2	100.0	99.2	100.0	100.0	100.0	99.7
.6	97.3	99.2	95.3	94.5	88.5	100.0	100.0	100.0	100.0	96.5
.7	90.4	94.2	76.7	81.7	68.2	98.1	100.0	100.0	100.0	90.2
.8	79.7	81.9	58.4	66.4	61.9	94.0	98.9	99.5	99.5	81.0
.9	71.5	71.5	41.1	48.4	53.7	86.8	90.1	97.8	97.8	81.1
1.0	66.8	66.0	32.9	41.3	46.6	76.7	76.4	92.3	92.3	72.3
1.1	64.7	57.5	26.0	37.2	39.7	56.4	61.4	81.4	81.4	64.4
1.2	61.4	49.0	21.9	34.4	32.1	50.7	48.2	77.9	77.9	54.5
1.3	53.7	43.8	17.5	30.6	26.8	47.7	41.1	64.2	64.2	47.4
1.4	47.9	38.1	15.9	25.1	23.6	45.2	39.2	57.9	57.9	40.8
1.5	42.7	34.2	15.3	21.6	21.4	42.5	37.8	54.9	54.9	37.8
1.6	36.2	32.1	13.7	19.9	20.5	39.7	36.4	53.0	53.0	33.4
1.75	29.3	29.0	13.2	17.8	18.6	35.3	30.7	48.9	48.9	27.7
1.9	26.6	27.1	12.9	16.9	16.7	33.2	26.8	45.1	45.1	24.9
2.05	24.1	24.9	12.6	14.8	13.7	29.9	23.0	40.4	40.4	21.6
2.25	22.2	21.6	11.5	13.7	11.5	26.6	19.2	33.6	33.6	18.1
2.5	20.0	18.9	11.0	11.7	7.4	24.4	14.5	29.2	29.2	15.6
2.75	17.0	14.5	10.4	10.1	4.9	21.1	11.5	26.2	26.2	13.2
3.0	15.3	10.7	10.1	8.7	4.4	16.4	9.9	24.0	24.0	11.8
3.5	12.6	8.5	6.8	6.6	3.0	12.9	5.8	18.0	18.0	8.8
4.0	10.1	7.4	5.8	6.0	2.5	10.4	3.8	15.0	15.0	7.9
4.5	7.1	5.8	5.5	4.4	1.9	7.4	2.7	12.8	12.8	6.6
5.0	4.7	4.1	5.2	3.3	1.8	5.8	1.4	10.9	10.9	6.3
7.0	.5	.8	2.7	.5	.0	.2	.0	1.6	1.6	1.9
10.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0
15.0	.0	.0	1.1	.0	.0	.3	.0	.0	.0	.0
20.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0
			.0							

Mean flow for period of duration table—1.80 sec. ft. per sq. mi.

EAST BRANCH OF PENOBSCOT RIVER AT GRINDSTONE, MAINE

Mean Monthly Discharge in Second Feet per Square Mile

[Drainage Area, 1070 Square Miles]

Year	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Mean for Year
1902-03							4.31	2.94	.935	2.50	1.57	.578	
1903-04	.323							6.36	2.87	2.20	1.52	.918	
1904-05	1.63							2.56	1.91	2.00	.766	.851	
1905-06	.207							7.62	3.31	2.90	.352	.662	
1906-07	.972			.748	.327	.280	1.84	7.48	4.67	3.36	1.40	.745	
1907-08	.639	3.22	2.78	.876	.643	.972	2.53	6.48	2.77	2.19	.783	.478	2.03
1908-09	.355	.406	.164	.617	.411	.720	4.74	7.08	3.65	1.74	.714	2.31	1.91
1909-10	2.69	1.80	1.37	1.00	.552	.620	5.15	3.72	4.55	1.50	.476	.247	1.97
1910-11	.196	.370	.260	.427	.327	.467	2.66	3.24	1.92	.991	.493	.607	0.996
1911-12	.608	.778	1.15	.701	.449	.935	4.77	4.80	5.02	1.64	1.93	1.07	1.99
1912-13	2.36	4.01	1.64				5.76	3.59	3.34	1.42	.630	.461	
1913-14	2.15	1.83	.932	.531	.373	.634	4.15	7.17	3.21	1.36	.486	.253	1.93
1914-15	.232	.453	.213	.371	1.07	1.01	3.14	4.62	2.50	1.79	.815	.404	1.38
1915-16	.374	.621	1.09	1.00	.578	1.02	4.17	3.25	3.02	2.69	.944	.419	1.60
1916-17	.607	.503	2.16	1.15	.596	.910	5.25	5.18	5.88	3.76	1.95	.887	2.41
1917-18	1.46	2.20	.403	.294	.246	.474	4.36	3.32	1.94	4.39	1.35	.854	1.78
1918-19	1.93	2.92	1.56	1.08	.599	1.92	6.07	6.22	2.80	1.03	.560	.387	2.26
1919-20	.499	1.77	.953	.347	.246	1.32	6.92	5.75	2.39	1.77	.924	1.17	2.00
1920-21	2.06	1.50	1.71	.864	.519	3.12	5.20	2.18	.744	.582	.515	.375	1.62
1921-22	1.60	1.49	1.21	.568	.350	1.16	3.73	2.27	4.63	2.82	.801	.435	1.76
1922-23	.409	.514	.337	.513	.265	.207	3.48	6.37	1.01	1.26	.577	.309	1.28
1923-24	.476	.835	1.77	.896	.536	.641	2.52	6.48	2.09	.730	.363	.327	1.48
1924-25	.277	.354	.521	.306	.721	1.39	3.65	6.28	1.51	1.22	.480	.507	1.15
1925-26	2.30	4.31	2.71	.635	.592	.917	1.19	6.38	2.22	1.41	.539	.538	1.99
1926-27	.677	2.42	.871	.643	.524	.810	3.68	2.37	2.93	.897	.963	.991	1.48
1927-28	1.66	4.59	3.08	2.03	.928	.668	5.01	5.74	3.65	1.20	.694	.521	2.48
1928-29	.733	1.06	1.27	1.38	.727	.655	4.39	5.37	1.66	1.06	.429	.254	1.59

EAST BRANCH OF PENOBSCOT RIVER AT GRINDSTONE, MAINE

Per Cent of Time Duration Table [Drainage Area, 1070 Square Miles]

Sec. ft. per sq. mi.	1913-14	1914-15	1915-16	1916-17	1917-18	1918-19	1919-20	1920-21	1921-22	1922-23	1923-24	1924-25	1925-26	1926-27	1927-28	1928-29	Mean 16-year period
0.05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.5	100.0	100.0	100.0	100.0
.15	100.0	95.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.7	100.0	100.0	100.0	100.0	99.5
.2	97.0	86.0	100.0	99.5	98.1	99.2	97.3	98.6	100.0	94.0	98.6	91.8	100.0	100.0	100.0	100.0	99.2
.3	92.9	74.0	97.0	98.9	86.8	96.2	83.6	92.9	96.2	69.6	90.2	75.1	96.7	99.5	100.0	100.0	92.1
.4	82.2	66.0	88.0	95.6	75.1	92.9	77.9	87.9	88.2	58.6	84.2	66.0	96.2	96.2	98.6	98.6	83.8
.5	75.6	55.6	78.1	84.1	67.4	89.9	69.9	80.8	79.5	47.9	73.8	60.5	85.2	87.1	93.2	81.4	75.6
.6	62.2	49.9	71.6	74.8	60.3	82.2	63.9	69.9	73.2	39.2	63.4	56.4	77.8	77.0	84.2	72.1	67.4
.7	57.8	45.8	65.3	69.0	59.7	74.5	62.8	64.1	67.7	34.2	53.3	50.4	71.2	66.6	77.9	66.8	61.7
.8	52.1	41.6	58.2	63.6	57.5	68.5	61.7	59.5	64.7	30.4	45.9	42.2	63.6	54.8	70.2	62.2	56.0
.9	50.4	39.7	54.4	61.6	54.0	64.1	57.9	53.2	60.8	27.9	41.5	39.7	57.5	52.1	65.8	56.7	52.3
1.0	47.1	38.1	49.2	59.5	51.8	62.2	54.6	49.3	55.9	25.5	36.3	37.5	51.8	46.8	63.1	50.7	48.7
1.1	44.9	36.4	45.1	57.3	49.3	58.6	50.8	47.9	51.2	21.9	33.1	35.9	44.4	43.3	60.4	46.8	45.5
1.2	42.2	34.8	40.4	55.3	48.8	57.0	48.9	44.7	49.9	20.5	31.7	34.0	43.6	40.3	57.1	40.0	43.1
1.3	38.4	32.6	37.7	52.6	45.2	52.9	45.6	40.8	48.2	16.7	29.5	31.2	43.3	37.0	55.2	34.2	40.1
1.4	37.8	31.8	37.4	52.3	41.6	48.8	43.4	37.5	46.6	14.0	28.1	28.5	43.0	32.9	53.8	29.9	38.0
1.5	35.6	27.9	34.7	51.5	40.3	47.4	42.1	35.6	43.3	13.2	24.6	27.1	42.2	31.8	53.3	28.2	36.2
1.6	34.0	27.4	33.1	50.4	38.1	44.1	38.0	31.2	39.5	11.0	24.0	23.0	41.1	29.3	52.5	24.7	33.8
1.75	32.1	26.8	32.5	46.3	35.9	41.9	34.7	28.5	35.6	10.1	21.9	22.2	39.7	25.5	49.5	19.7	31.4
1.9	30.4	25.5	31.4	43.3	31.5	39.2	32.0	23.0	31.8	9.3	20.5	20.8	34.0	20.5	47.5	17.5	28.6
2.05	29.0	23.6	29.2	41.4	30.7	37.5	31.1	20.8	27.7	9.0	18.9	20.3	31.8	17.5	44.8	15.6	26.8
2.25	27.9	21.6	27.9	39.5	26.6	33.4	26.0	17.5	24.4	9.0	16.4	17.5	30.1	14.8	42.3	14.0	24.3
2.5	25.2	20.0	24.9	35.9	24.9	31.8	23.8	15.9	22.7	8.8	15.0	14.2	28.2	14.2	40.2	13.7	22.5
2.75	23.8	18.4	23.0	34.5	22.2	29.6	20.5	13.7	20.3	8.2	12.6	11.0	26.3	12.9	35.5	13.4	20.4
3.0	22.2	15.6	21.0	32.1	19.5	25.8	19.4	12.6	17.5	7.7	11.2	7.9	23.0	10.4	31.1	12.6	18.1
3.5	17.5	11.5	12.3	28.2	17.5	20.5	16.7	12.1	12.3	7.1	9.3	5.8	17.3	8.8	22.4	11.0	14.4
4.0	12.3	9.0	7.4	24.4	13.4	18.4	15.8	9.6	9.6	6.8	7.9	3.6	11.5	6.8	19.1	9.9	11.6
4.5	10.4	6.6	4.6	17.3	10.1	16.7	13.7	7.9	7.1	6.6	6.8	1.6	8.8	6.3	16.4	8.5	9.3
5.0	9.6	4.9	3.0	12.9	6.0	12.9	12.0	6.3	5.5	5.2	6.3	.8	7.4	4.7	13.1	7.1	7.4
7.0	5.2	1.6	.0	3.8	2.7	6.0	6.8	3.0	1.4	3.0	3.6	.0	3.6	1.4	6.0	3.3	3.2
10.0	2.2	.0	.0	1.1	.3	.0	1.1	.3	.3	1.9	1.1	.0	1.4	.0	1.1	.5	.7
15.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.3	.0	.1
20.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0
25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....	.....	.....	.....
30.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....	.....	.....	.....
35.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....
65.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	.....	.....	.....	.....	.....	.....	.....

Mean flow for period of duration table—1.76 sec. ft. per sq. mi.

MATTAWAMKEAG RIVER AT MATTAWAMKEAG, MAINE
Mean Monthly Discharge in Second Feet per Square Mile
[Drainage Area, 1500 Square Miles]

Year	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Mean for Year
1919-20	.820	2.69	1.40	.306	.231	1.01	10.9	6.08	1.11	.707	.511	1.87	2.29
1920-21	2.71	1.92	2.71	1.30	.753	4.03	6.25	1.42	.604	.281	.411	.243	1.89
1921-22	.399	1.07	1.37	.518	.355	2.44	5.25	1.41	3.52	2.21	.623	.505	1.64
1922-23	.471	.820	.488	.700	.493	.354	4.93	7.67	.667	.219	.223	.148	1.44
1923-24	.207	.720	1.91	.680	.499	.647	3.95	4.49	.787	.487	.159	.263	1.23
1924-25	.241	.413	.740	.255	.651	2.66	4.08	1.54	.800	.693	.274	.643	1.08
1925-26	3.72	4.38	1.89	.940	.707	.727	2.37	8.40	1.63	.409	.249	.361	2.16
1926-27	1.21	3.49	1.33	.880	.614	1.36	4.68	2.82	2.51	.607	1.01	.621	1.76
1927-28	1.56	4.72	3.22	1.93	.933	.773	5.91	3.86	1.53	.547	1.09	.793	2.23
1928-29	1.06	1.34	1.47	1.61	.624	.624	5.33	5.36	1.30	.481	.219	.161	1.63

MATTAWAMKEAG RIVER AT MATTAWAMKEAG, MAINE
Per Cent of Time Duration Table [Drainage Area, 1500 Square Miles]

Sec. Ft. per sq. mi.	1919-20	1920-21	1921-22	1922-23	1923-24	1924-25	1925-26	1926-27	1927-28	1928-29	Mean 16-year period ending Sept. 30, 1929
0.05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.6
.15	100.0	100.0	100.0	100.0	95.6	92.1	94.0	100.0	100.0	100.0	97.3
.2	100.0	98.4	99.2	83.6	85.5	86.3	99.7	100.0	100.0	100.0	89.6
.3	85.2	80.5	91.2	69.6	76.0	69.9	86.6	100.0	99.7	99.7	81.9
.4	78.7	78.4	86.8	60.5	71.6	59.2	81.1	95.3	97.8	97.8	80.0
.5	74.0	75.3	69.0	47.1	56.3	54.2	77.3	81.9	92.9	92.9	69.9
.6	67.5	71.5	59.7	40.0	47.3	51.2	76.7	75.3	86.9	86.9	64.9
.7	57.1	69.9	52.1	30.4	38.5	49.3	68.2	72.3	79.2	79.2	60.8
.8	52.2	59.7	50.4	24.7	33.9	41.4	59.7	66.8	73.5	73.5	55.9
.9	46.4	56.7	47.7	20.8	32.0	37.0	53.2	60.3	65.6	65.6	53.2
1.0	43.2	54.2	44.4	19.2	29.8	34.8	46.8	54.5	57.7	57.7	50.7
1.1	41.3	50.7	41.1	15.9	27.0	28.2	43.0	49.0	57.7	57.7	44.9
1.2	39.1	47.1	37.5	15.3	25.4	25.2	40.5	43.6	51.6	51.6	42.2
1.3	37.7	43.8	35.3	14.5	24.3	22.2	39.5	40.8	48.8	48.8	39.5
1.4	36.1	39.5	32.6	13.7	22.4	19.2	38.1	39.2	48.6	48.6	35.1
1.5	35.0	37.8	31.0	13.7	21.3	18.9	36.4	37.5	46.2	46.2	31.8
1.6	33.1	35.9	30.1	13.2	19.9	18.4	35.6	37.0	44.3	44.3	28.5
1.75	31.4	34.2	27.9	12.6	19.1	18.1	34.5	35.3	41.3	41.3	25.8
1.9	30.3	33.2	25.5	12.6	18.0	17.5	34.0	33.4	38.3	38.3	21.6
2.05	27.9	31.0	23.8	12.1	15.8	14.8	32.1	30.4	35.0	35.0	18.6
2.25	26.2	28.2	21.6	11.5	15.6	12.6	29.0	29.6	31.7	31.7	15.3
2.5	24.0	25.2	20.3	10.7	14.5	10.7	27.7	26.0	29.8	29.8	14.5
2.75	21.0	22.5	17.5	10.7	12.8	8.5	25.2	20.8	27.0	27.0	12.9
3.0	19.1	20.8	16.4	8.8	11.2	7.1	23.6	19.2	23.2	23.2	11.0
3.5	17.5	15.6	13.4	7.9	8.2	6.6	21.1	12.6	17.8	17.8	9.6
4.0	15.3	14.2	9.9	7.9	6.8	5.8	17.8	9.6	15.3	15.3	9.0
4.5	13.9	13.2	8.2	6.8	5.5	4.9	15.6	6.8	12.6	12.6	7.9
5.0	13.1	10.4	7.7	6.6	4.9	3.3	11.5	5.2	10.7	10.7	6.8
7.0	10.7	3.3	3.8	4.9	3.0	.5	5.5	1.9	6.3	6.3	5.0
10.0	5.7	.3	.5	2.7	.0	.0	3.0	.0	.8	.8	.0
15.0	1.1	.0	.0	1.9	.0	.0	.8	.0	.0	.0	.0
25.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0
30.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

Mean flow for period of duration table — 1.85 sec. ft. per sq. mi.

PISCATAQUIS RIVER NEAR FOXCROFT, MAINE
Mean Monthly Discharge in Second Feet per Square Mile
[Drainage Area, 286 Square Miles]

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Mean for Year
1920-21	2.16	1.71	4.79	1.10	.622	4.55	6.78	1.55	.241	.167	.566	.155	2.05
1921-22	.601	1.85	2.28	.895	.349	2.70	7.48	3.36	5.10	2.87	1.13	.591	2.43
1922-23	.706	.727	.402	.850	.542	.580	9.79	6.89	1.17	.207	.238	.084	1.85
1923-24	.301	1.03	2.29	.857	.388	1.05	6.01	6.82	.374	.211	.129	.650	1.68
1924-25	.275	.685	.811	.309	1.55	3.38	5.31	1.60	1.26	1.55	.441	.839	1.50
1925-26	3.88	5.24	3.78	1.22	.598	.493	3.29	6.68	1.75	.102	.076	.098	2.28
1926-27	.874	4.93	1.36	.825	.406	1.50	3.99	4.48	1.54	.441	.493	.378	1.77
1927-28	4.23	4.55	3.39	1.83	1.06	1.16	6.68	7.73	2.51	.881	.392	.899	2.94
1928-29	1.56	1.80	1.05	1.49	.493	1.44	7.94	6.57	1.61	.291	.260	.241	2.07

PISCATAQUIS RIVER NEAR FOXCROFT, MAINE

Per Cent of Time Duration Table [Drainage Area, 286 Square Miles]

Sec. ft. per sq. mi.	1920-21	1921-22	1922-23	1923-24	1924-25	1925-26	1926-27	1927-28	1928-29	Mean 17-year period end- ing Sept. 30, 1929
0.05	100.0	100.0	100.0	98.6	100.0	100.0	100.0	100.0	100.0	99.9
0.1	100.0	100.0	88.5	88.0	98.1	94.8	99.7	99.7	100.0	96.9
0.15	90.1	96.4	82.2	77.0	89.3	88.8	97.3	99.5	96.4	92.9
0.2	83.0	94.0	78.4	71.0	81.4	83.8	91.0	98.4	90.4	89.1
0.3	72.9	90.1	69.9	59.8	70.4	77.3	80.8	91.3	79.5	81.0
0.4	68.8	82.7	60.5	54.9	66.8	72.1	73.2	87.2	74.2	74.7
0.5	65.2	79.5	55.6	49.5	61.6	64.4	63.0	84.7	69.3	70.2
0.6	62.2	74.2	46.3	45.9	56.7	61.9	61.4	82.2	66.3	66.1
0.7	58.1	70.1	35.9	44.0	52.1	60.0	58.6	79.0	59.7	61.9
0.8	53.2	67.9	30.7	39.9	46.8	56.7	53.7	77.6	56.4	57.7
0.9	52.1	65.5	26.8	37.2	43.3	53.7	47.9	74.0	52.1	54.7
1.0	49.0	58.6	23.8	32.8	41.4	50.4	44.4	70.8	47.4	51.2
1.1	45.5	57.8	22.7	31.7	38.1	47.9	41.1	65.6	45.8	49.1
1.2	43.3	53.4	21.9	30.9	35.9	45.2	39.7	62.3	43.8	46.9
1.3	40.3	51.2	21.4	29.0	33.4	44.1	37.5	59.3	41.4	45.1
1.4	37.5	45.5	19.2	27.6	31.8	43.3	35.9	57.1	38.9	42.2
1.5	32.6	44.4	18.6	27.0	30.7	41.6	32.9	50.3	35.6	40.1
1.6	30.1	41.4	18.6	26.2	29.9	39.7	31.5	48.4	34.2	38.1
1.75	27.4	41.1	18.6	25.4	27.1	36.4	29.3	44.8	32.2	36.2
1.9	24.9	36.2	17.8	22.7	25.5	35.6	27.9	41.8	27.7	32.8
2.05	24.4	33.4	17.3	21.3	24.7	34.5	27.7	39.9	26.6	31.0
2.25	21.9	31.0	15.9	19.4	22.2	31.2	24.9	37.7	23.6	27.5
2.5	21.6	29.9	15.9	17.8	20.8	28.8	23.3	35.2	20.8	25.4
2.75	20.3	26.0	15.1	16.4	18.9	26.8	22.5	33.1	18.1	23.2
3.0	17.8	24.9	14.2	15.3	16.2	24.1	20.3	30.8	16.4	21.8
3.5	16.7	21.4	12.9	13.9	11.5	21.9	16.4	24.9	14.2	18.7
4.0	16.7	18.6	12.6	13.7	7.9	19.7	12.9	23.2	13.2	16.9
4.5	15.1	15.1	11.2	13.7	7.1	15.1	7.7	18.6	10.4	14.5
5.0	13.4	13.4	8.2	12.3	6.9	12.6	6.6	15.8	9.9	12.7
7.0	9.0	8.5	5.5	7.4	2.5	6.6	4.1	9.6	6.6	8.2
10.0	3.6	3.8	3.8	2.5	.8	3.6	1.4	5.5	4.7	4.1
15.0	0.8	1.1	1.9	.8	.0	1.4	.3	2.2	1.4	1.6
25.0	.0	.0	.8	.3	.....	.3	.3	1.4	.5	.5
40.0	.0	.0	.3	.0	.....	.0	.0	.5	.3	.1
65.0	.0	.0	.0	.0	.....	.....	.....	.3	.0	.0

Mean flow for period of duration table — 2.34 sec. ft. per sq. mi.

PISCATAQUIS RIVER AT MEDFORD, MAINE
Mean Monthly Discharge in Second Feet per Square Mile
[Drainage Area, 1170 Square Miles]

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Mean for Mean
1924-25	0.479	.568	.855	.438	1.08	3.00	4.50	2.02	1.17	1.63	.605	.704	1.42
1925-26	2.70	5.12	2.93	1.09	.949	.853	3.21	6.14	1.86	.589	.550	.629	2.22
1926-27	1.00	4.29	1.28	.906	.810	.991	3.57	3.42	1.99	.669	.803	.738	1.70
1927-28	3.76	4.44	3.62	1.80	1.35	1.04	5.50	7.04	2.42	1.16	.966	1.09	2.85
1928-29	1.59	1.67	1.44	2.27	.923	1.32	7.25	6.50	1.76	.748	.550	.383	2.21

PISCATAQUIS RIVER AT MEDFORD, MAINE
Per Cent of Time Duration Table
[Drainage Area, 1170 Square Miles]

Sec. ft. per sq. mi.	1924-25	1925-26	1926-27	1927-28	1928-29	Mean 5-year period
.05	100.0	100.0	100.0	100.0	100.0	100.0
.1	100.0	100.0	100.0	100.0	100.0	100.0
.15	100.0	100.0	100.0	100.0	100.0	100.0
.2	99.5	100.0	100.0	100.0	100.0	99.9
.3	95.3	99.5	99.7	100.0	99.2	98.7
.4	85.8	96.7	99.2	100.0	95.6	95.5
.5	70.4	90.7	97.3	100.0	89.0	89.5
.6	64.1	83.6	87.9	98.6	83.0	83.4
.7	60.5	81.6	77.3	96.2	80.5	79.2
.8	56.2	77.0	64.9	89.3	76.4	72.8
.9	48.8	65.5	54.8	83.3	67.4	64.0
1.0	43.8	55.6	45.2	79.0	61.6	57.0
1.1	39.7	48.2	40.3	74.9	51.8	51.0
1.2	37.5	45.2	35.1	69.7	46.8	46.9
1.3	32.3	43.3	32.2	62.0	43.8	42.9
1.4	28.5	41.6	31.5	55.7	43.0	40.1
1.5	26.8	40.5	30.1	53.0	41.1	38.3
1.6	25.5	39.2	28.5	50.5	37.3	36.2
1.75	23.6	36.2	25.8	46.7	35.1	33.5
1.9	22.7	32.6	24.7	43.2	31.0	30.8
2.05	22.2	32.1	23.0	41.5	28.2	29.4
2.25	20.5	28.2	21.6	38.5	23.8	26.5
2.50	17.5	24.1	20.0	33.9	20.8	23.3
2.75	11.5	21.6	17.5	30.9	18.6	20.0
3.0	9.9	19.7	17.0	29.2	17.3	18.6
3.5	6.6	15.1	10.4	23.0	13.2	13.7
4.0	5.2	12.6	9.0	19.4	11.2	11.5
4.5	4.4	11.0	6.6	16.7	10.1	9.8
5.0	3.8	10.1	5.8	15.0	9.9	8.9
7.0	2.5	6.8	5.8	9.3	6.8	5.6
10.0	1.1	2.7	2.5	3.8	3.8	2.4
15.0	.0	.8	.3	.8	.8	.5

Mean flow for period of duration table—2.08 sec. ft. per sq. mi.

SEBEC RIVER AT SEBEC, MAINE
Mean Monthly Discharge in Second Feet per Square Mile
[Drainage Area, 344 Square Miles]

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Mean for Year
1924-25	0.765	.459	.599	.561	.547	1.73	3.98	2.08	1.12	1.95	.808	.750	1.31
1925-26	1.33	4.30	1.96	.916	.977	1.03	2.29	5.03	1.81	.840	.747	.782	1.84
1926-27	.762	2.21	1.55	1.13	1.08	1.32	3.49	2.99	1.99	.814	.797	.843	1.58
1927-28	2.64	3.58	3.52	2.10	1.82	1.03	3.98	5.23	2.42	1.20	.875	1.20	2.47
1928-29	1.65	1.59	1.35	2.32	1.06	1.04	5.70	5.78	1.65	.811	.863	.788	2.06

SEBEC RIVER AT SEBEC, MAINE
Per Cent of Time Duration Table
[Drainage Area, 344 Square Miles]

Sec. ft. per sq. mi.	1924-25	1295-26	1926-27	1927-28	1928-29	Mean 5-year period
.05						
.1						
.15						
.2	100.0					
.3	98.6	100.0	100.0	100.0	100.0	99.7
.4	95.1	100.0	99.7	100.0	100.0	98.9
.5	86.0	98.6	99.2	100.0	100.0	96.8
.6	73.7	96.2	95.9	99.5	99.2	92.9
.7	60.3	91.8	90.1	95.4	94.0	86.4
.8	48.8	78.6	81.9	92.6	88.8	78.2
.9	34.0	62.7	66.6	82.0	72.6	63.7
1.0	28.5	50.4	52.3	69.4	62.5	52.7
1.1	27.1	39.7	48.5	65.8	44.4	45.2
1.2	25.2	35.6	38.1	63.1	35.9	37.6
1.3	23.6	33.2	30.7	61.7	32.3	36.4
1.4	23.3	32.3	27.1	60.4	32.1	35.3
1.5	23.0	32.1	25.5	55.7	31.8	33.7
1.6	21.9	31.5	25.2	53.3	31.2	32.7
1.75	21.4	29.0	24.1	51.6	29.0	31.0
1.9	20.3	27.4	23.6	48.1	27.9	29.5
2.05	17.5	25.2	21.4	42.3	27.7	26.8
2.25	14.8	22.5	20.3	36.6	27.4	24.3
2.50	11.0	19.5	17.8	29.0	25.8	20.6
2.75	9.9	15.9	16.2	26.5	20.5	17.4
3.0	9.9	14.5	14.8	23.2	15.3	15.5
3.5	7.1	11.8	11.2	20.2	13.4	12.7
4.0	4.4	10.4	6.6	16.7	9.6	9.6
4.5	3.8	8.5	4.7	14.2	9.0	8.2
5.0	3.0	7.4	3.0	12.6	9.0	7.1
7.0	1.6	4.7	.3	7.4	8.2	4.5
10.0	.0	.8	.0	1.1	1.6	.7
15.0		.0	.0	.0	.0	.0
25.0						

Mean flow for period of duration table—1.85 sec. ft. per sq. mi.

PLEASANT RIVER AT MILO, MAINE
Mean Monthly Discharge in Second Feet per Square Mile
[Drainage Area, 325 Square Miles]

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Mean for Year
1919-20									1.61	.788	1.04	1.51	
1920-21	3.54	2.05	4.34	1.14	1.08	3.14	7.63	1.82	1.32	.348	.643	.287	2.28
1921-22	1.58	1.98	2.47	.662	.492	3.04	6.68	3.01	6.18	2.79	1.54	.572	2.58
1922-23	.714	.991	.511	.809	.505	.471	6.71	8.86	1.49	.689	.425	.329	1.88
1923-24	.575	1.26	2.38	.738	.625	.828	3.94	7.08	1.84	.865	.437	.686	1.78
1924-25	.437	.828	1.22	.452	1.29	3.85	4.25	2.64	1.43	1.89	.492	.495	1.61
1925-26	2.71	5.11	2.72	1.03	.815	.720	2.63	6.68	2.46	.634	.514	.751	2.23
1926-27	1.09	5.66	1.29	1.03	.994	1.10	3.60	4.12	2.30	.812	1.09	1.07	2.01
1927-28	3.78	6.06	4.65	1.81	.975	.945	5.88	7.60	3.11	1.58	1.29	1.22	3.26
1928-29	1.70	1.98	2.30	3.42	1.33	1.47	5.17	6.68	1.95	1.09	.640	.306	2.34

PLEASANT RIVER AT MILO, MAINE

Per Cent of Time Duration Table [Drainage Area, 325 Square Miles]

Sec. ft. per sq. mile	1920-21	1921-22	1922-23	1923-24	1924-25	1925-26	1926-27	1927-28	1928-29	Mean 9-year period
.05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.1	99.7	100.0	100.0	100.0	99.5	100.0	100.0	100.0	100.0	99.9
.15	97.3	100.0	98.9	100.0	96.4	99.7	100.0	100.0	99.7	99.1
.2	94.5	99.7	98.6	99.5	90.1	99.7	100.0	100.0	99.2	97.9
.3	90.1	97.8	88.8	95.9	79.7	98.4	99.7	100.0	97.0	94.2
.4	85.5	95.1	74.0	90.7	74.0	94.5	99.7	100.0	93.2	89.6
.5	79.2	87.1	66.0	82.0	70.7	90.4	96.4	99.5	91.0	84.7
.6	75.3	82.2	53.2	73.0	67.4	86.0	91.8	98.4	88.2	79.5
.7	71.8	76.4	44.4	60.7	63.6	77.0	83.3	96.4	84.4	73.1
.8	70.1	72.1	37.0	51.9	60.5	68.5	76.2	91.3	81.6	67.7
.9	63.0	69.0	31.5	45.1	55.9	61.1	70.4	87.4	77.5	62.3
1.0	57.8	66.6	28.5	41.8	53.2	53.7	60.8	82.0	72.6	57.4
1.1	53.7	64.4	26.0	38.0	49.0	49.0	53.7	75.4	68.2	53.0
1.2	49.6	61.6	23.0	35.2	45.2	47.4	44.1	71.9	65.5	49.3
1.3	45.8	58.1	21.1	31.4	41.1	46.0	40.3	64.8	63.6	45.8
1.4	43.8	56.2	18.6	29.5	40.0	45.2	37.5	59.8	59.5	43.3
1.5	39.7	53.2	17.5	27.9	37.8	43.0	34.8	56.6	56.4	40.8
1.6	37.3	49.3	16.2	27.3	36.2	41.9	32.6	53.8	47.9	38.1
1.75	34.2	46.0	14.2	25.7	29.6	38.9	30.1	50.3	38.4	34.2
1.9	32.1	43.6	13.2	23.2	25.8	37.0	28.2	48.4	33.7	31.7
2.05	29.9	41.6	12.3	22.4	24.7	33.4	26.6	46.7	31.0	29.8
2.25	25.8	38.1	11.5	20.2	23.0	29.0	23.3	44.0	28.2	27.0
2.50	23.3	35.1	10.4	19.1	19.7	26.8	21.9	41.0	23.3	24.5
2.75	20.3	30.7	9.9	16.7	17.3	25.5	20.3	38.3	21.9	22.3
3.0	18.6	24.1	9.3	15.6	16.2	24.4	19.2	35.8	19.7	20.3
3.5	17.3	20.8	8.8	13.4	11.5	20.8	14.5	30.1	15.9	17.0
4.0	15.3	17.0	7.4	10.9	8.5	17.5	12.3	24.9	14.2	14.2
4.5	14.0	14.5	7.1	9.6	6.3	12.3	8.8	19.7	11.5	11.5
5.0	13.4	11.8	7.1	8.7	4.9	9.9	7.4	17.2	8.8	9.9
7.0	8.8	7.4	5.5	5.2	2.2	4.4	4.7	10.1	5.5	6.0
10.0	3.0	3.8	3.6	2.5	.5	2.5	2.7	5.7	3.6	3.1
15.0	0.8	1.4	1.6	.3	.0	.8	.3	2.7	1.1	1.0
25.0	.0	.3	1.1	.0	.0	.3	.0	.5	.3	.3
40.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.1
65.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0

Mean flow for period of duration table — 2.22 sec. ft. per sq. mi.

PASSADUMKEAG RIVER AT LOWELL, MAINE
Mean Monthly Discharge in Second Feet per Square Mile
[Drainage Area, 301 Square Miles]

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Mean for Year
1915-16	1.02	.930	1.20	.960	.625	.679	2.70	1.89	2.76	1.85	.930	.715	1.36
1916-17	.987	.658	1.70	1.19	.761	1.12	5.48	4.42	4.49	3.20	1.32	.804	2.18
1917-18	1.54	1.62	1.03	.598	.678	.817	3.36	3.32	1.95	1.85	.781	1.33	1.57
1918-19	2.66	2.73	1.56	1.51	1.18	2.45	4.12	3.46	1.75	1.12	.468	.658	1.98
1919-20	.584	1.50	.930	.365	.362	1.05	7.61	5.65	2.34	1.42	.561	1.53	1.99
1920-21	1.79	1.34	1.98	1.14	.924	3.21	5.22	2.62	.934	.322	.283	.233	1.67
1921-22	.359	.748	.728	.295	.273	1.77	3.13	2.70	2.85	1.97	.997	1.28	1.43
1922-23	1.10	.907	.475	.611	.369	.515	4.75	7.64	2.92	1.30	.960	.472	1.84
1923-24	.429	.864	1.48	.721	.654	.714	2.74	3.31	2.47	.880	.432	.757	1.29
1924-25	.515	.522	.900	.385	.671	2.10	2.47	1.65	1.66	1.23	.608	.894	1.14
1925-26	2.54	3.16	2.60	1.19	.857	.641	2.20	5.78	2.44	1.44	.837	.814	2.05
1926-27	1.27	2.42	1.73	1.05	.578	1.49	2.22	2.73	3.02	1.21	.777	.724	1.60
1927-28	1.30	3.21	3.00	1.96	1.31	1.05	3.69	3.55	2.19	1.27	1.57	1.09	2.10
1928-29	1.23	1.23	1.17	1.58	.920	1.11	3.89	4.52	2.70	1.06	.575	.359	1.70

PASSADUMKEAG RIVER AT LOWELL, MAINE

Per Cent of Time Duration Table [Drainage Area, 301 Square Miles]

Sec. ft. per sq. mi.	1915-16	1916-17	1917-18	1918-19	1919-20	1920-21	1921-22	1922-23	1923-24	1924-25	1925-26	1926-27	1927-28	1928-29	Mean 14-year period
0.05	100.0	100.0	100.0	100.0	100.0	95.9	100.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	99.7
.1	100.0	100.0	100.0	100.0	100.0	95.9	100.0	98.4	99.5	99.2	100.0	100.0	100.0	100.0	99.5
.15	100.0	100.0	100.0	100.0	100.0	95.1	100.0	98.1	97.5	98.9	100.0	100.0	100.0	100.0	99.3
.2	100.0	100.0	100.0	100.0	100.0	93.2	100.0	98.1	96.7	98.4	100.0	100.0	100.0	100.0	99.0
.3	100.0	100.0	100.0	100.0	100.0	86.6	86.3	96.4	94.3	92.9	100.0	100.0	100.0	100.0	96.9
.4	100.0	100.0	100.0	95.6	87.2	79.2	74.2	86.0	91.5	76.4	100.0	99.5	100.0	93.4	91.6
.5	98.9	97.0	97.3	91.8	76.5	75.1	70.1	72.1	88.0	70.1	100.0	93.7	98.6	90.4	87.1
.6	89.9	94.0	82.2	87.4	63.9	71.0	64.1	62.2	71.0	65.5	98.9	88.5	96.7	84.9	80.0
.7	70.5	87.9	78.6	84.4	61.5	71.0	60.5	56.7	60.1	61.9	89.0	84.1	96.4	80.5	74.5
.8	56.0	73.7	69.0	83.3	57.9	69.6	58.4	51.8	50.5	57.5	79.5	75.6	94.3	74.2	68.0
.9	50.0	66.0	62.2	80.8	54.1	66.6	58.4	46.8	44.5	55.9	72.3	65.8	89.1	64.1	62.3
1.0	45.4	60.8	54.8	78.1	48.1	55.6	51.5	40.8	38.8	51.2	65.5	59.5	82.0	55.3	56.2
1.1	40.2	54.5	52.1	75.1	47.0	49.9	49.3	37.0	35.5	45.5	61.4	55.3	72.1	51.2	51.9
1.2	36.6	50.1	47.7	70.7	43.7	46.6	47.1	34.5	31.4	42.2	58.1	52.1	66.7	47.9	48.2
1.3	31.7	48.5	44.1	63.8	42.3	43.3	43.8	31.8	28.7	38.1	53.4	49.3	62.3	45.8	44.8
1.4	31.7	44.4	43.6	58.6	38.0	41.4	41.1	31.0	28.1	35.9	49.9	47.4	60.9	43.0	42.5
1.5	28.4	42.5	41.1	54.2	35.0	38.9	39.2	30.1	27.6	30.4	45.8	44.4	59.3	40.3	39.8
1.6	26.8	40.0	37.3	49.0	30.9	35.6	36.7	29.0	26.2	26.0	44.4	41.6	53.8	36.7	36.7
1.75	25.1	38.6	33.7	45.2	30.1	32.3	33.4	27.4	24.3	19.7	38.4	38.9	50.3	32.3	33.6
1.9	23.8	38.1	32.3	39.7	28.4	29.9	30.4	26.0	23.0	14.0	37.3	35.1	46.7	26.6	30.8
2.05	19.1	36.2	30.7	37.3	26.8	26.3	27.1	24.4	20.8	10.7	36.2	31.2	44.3	21.9	28.1
2.25	16.4	35.3	23.3	33.4	25.1	22.2	23.8	21.4	18.6	7.7	34.2	24.9	37.7	19.2	24.5
2.5	12.3	33.4	19.7	30.4	23.2	20.8	19.7	18.9	16.7	4.9	32.3	20.8	32.5	18.6	21.7
2.75	9.8	32.3	14.0	24.0	21.3	19.5	16.7	17.0	13.9	3.0	27.4	15.1	25.4	18.1	18.5
3.0	4.9	30.7	11.8	22.5	19.9	18.4	11.8	16.2	11.5	2.7	22.2	8.8	21.6	17.8	15.8
3.5	.0	28.5	6.6	15.9	18.3	17.0	6.0	12.3	6.8	2.2	14.2	5.5	15.0	14.2	11.6
4.0	.0	19.5	4.1	9.6	13.9	11.5	4.1	10.4	1.9	1.6	9.3	2.7	9.3	10.1	7.7
4.5	.0	13.7	2.5	4.7	13.4	7.7	3.0	9.9	.3	.0	6.0	.0	6.3	6.6	5.3
5.0	.0	9.0	.0	.0	11.7	4.9	1.6	7.1	.0	.0	5.5	.0	3.3	5.8	3.5
7.0	.0	1.9	.0	.0	6.0	.0	.0	4.4	.0	.0	2.7	.0	.0	.0	1.1
10.0	.0	.0	.0	.0	1.9	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.4
15.0	.0	.0	.0	.0	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.1
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KENNEBEC RIVER AT MOOSEHEAD, MAINE

Mean Monthly Discharge in Second Feet per Square Mile [Drainage Area, 1240 Square Miles]

Year	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Mean for Year
1919-20	.903	.265	1.32	1.72	1.71	1.60	.658	3.88	2.90	2.27	2.03	1.53	1.73
1920-21	1.39	1.24	.984	1.68	1.75	.720	2.17	2.48	2.50	2.02	1.62	1.32	1.65
1921-22	.855	.790	.794	1.15	.992	.266	.240	2.29	3.52	2.73	2.23	1.69	1.47
1922-23	1.16	.863	.686	.559	.653	.625	.165	2.27	2.08	2.40	1.80	1.28	1.22
1923-24	.919	.722	.560	1.22	1.44	1.23	.394	1.43	2.29	2.13	1.99	1.29	1.30
1924-25	1.11	.785	.871	1.02	.599	.252	.371	1.92	2.94	2.37	1.36	1.06	1.23
1925-26	.427	2.89	2.27	2.14	2.13	2.17	.887	.381	2.45	2.04	1.56	1.30	1.72
1926-27	.968	.327	.935	1.40	1.57	1.07	.235	1.01	2.29	1.63	1.15	1.11	1.14
1927-28	.563	1.82	2.65	1.51	1.88	1.79	1.27	5.18	3.30	1.84	1.83	1.08	2.06
1928-29	.952	.535	1.57	1.60	2.16	1.51	.423	4.63	2.10	1.99	1.82	1.65	1.75

KENNEBEC RIVER AT MOOSEHEAD, MAINE

Per Cent of Time Duration Table

[Drainage Area, 1240 Square Miles]

Sec. ft. per sq. mi.	1919-20	1920-21	1921-22	1922-23	1923-24	1924-25	1925-26	1926-27	1927-28	1928-29	Mean 10-year period
.05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.1	99.5	100.0	92.3	93.4	100.0	100.0	100.0	100.0	100.0	100.0	98.5
.15	92.9	98.1	88.8	92.6	100.0	99.7	98.6	100.0	100.0	100.0	97.1
.2	89.6	93.2	87.1	92.1	91.3	91.0	97.3	94.8	96.4	100.0	93.3
.3	86.6	91.8	85.2	89.0	83.9	85.2	94.8	84.1	89.9	100.0	89.0
.4	86.3	91.8	89.0	88.5	80.1	77.5	84.1	80.8	85.0	98.4	85.6
.5	84.2	89.9	81.9	88.5	79.5	76.2	82.2	78.1	84.7	80.5	82.6
.6	84.2	87.9	80.3	85.5	77.6	73.2	81.4	74.2	83.6	79.7	80.2
.7	82.0	86.8	76.4	80.3	76.8	71.0	80.3	70.7	82.5	78.9	77.6
.8	82.0	85.2	76.4	76.2	69.3	69.3	78.1	68.5	82.0	78.1	75.0
.9	77.9	85.2	64.7	49.0	74.9	66.8	75.9	63.3	80.3	77.5	71.6
1.0	75.1	83.6	60.0	45.5	70.2	59.7	74.8	60.0	79.0	77.0	68.5
1.1	71.0	81.4	57.3	41.9	57.1	42.7	74.0	55.1	77.3	75.1	63.3
1.2	70.8	79.7	45.2	39.2	51.6	37.0	71.0	48.5	75.7	73.2	59.2
1.3	68.9	70.1	41.6	34.8	47.5	31.8	64.7	40.3	73.8	69.9	54.3
1.4	65.3	66.0	41.1	29.9	44.3	30.1	60.5	32.1	65.8	66.0	50.1
1.5	63.1	61.9	40.3	27.7	36.6	28.2	58.4	24.4	62.3	57.8	46.1
1.6	60.7	51.8	38.1	27.1	34.4	24.1	53.7	14.2	56.3	52.9	41.3
1.75	30.6	27.9	33.4	24.9	32.5	19.5	49.9	6.6	46.4	44.4	31.6
1.9	25.4	22.5	31.8	20.5	26.8	18.1	43.0	6.0	38.8	31.8	26.5
2.05	19.4	17.0	27.7	18.1	18.3	13.2	36.4	4.9	30.6	21.6	20.7
2.25	15.0	11.2	24.7	15.6	10.4	11.5	21.9	4.1	24.3	10.6	14.9
2.5	9.6	10.4	12.3	6.6	3.6	9.3	7.9	3.8	20.8	7.1	9.1
2.75	9.0	10.4	7.1	3.3	1.6	6.8	7.4	3.0	18.0	6.6	7.3
3.0	9.0	9.3	4.4	3.0	.5	5.8	6.6	3.0	15.8	6.3	6.4
3.5	7.7	7.4	4.4	1.9	.5	3.8	4.7	2.2	13.4	5.5	5.2
4.0	7.7	4.7	3.8	1.9	.0	1.9	4.4	1.6	12.0	4.4	4.2
4.5	7.4	1.6	2.7	1.9	.0	1.4	3.0	1.1	9.3	3.3	3.2
5.0	5.2	0.3	2.2	1.4	.0	.3	2.2	.8	7.1	3.3	2.3
7.0	.8	.0	.8	.0	.0	.0	.8	.0	3.3	2.5	.8
10.0	.8	.0	.0	.0	.0	.0	.3	.0	.5	1.6	.3
15.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

Mean flow for period of duration table — 1.53 sec. ft. per sq. mi.

KENNEBEC RIVER AT THE FORKS, MAINE
Mean Monthly Discharge in Second Feet per Square Mile
[Drainage Area, 1570 Square Miles]
Observed Discharge

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Mean for Year
1920-21	1.44	1.58	1.34	1.56	1.59	1.29	2.99	2.39	1.89	1.88	1.36	1.07	1.70
1921-22	.854	.860	.936	1.04	.924	.555	1.73	2.26	3.37	2.61	1.91	1.39	1.54
1922-23	1.05	.815	.662	.713	.675	.637	1.53	3.66	2.20	2.04	1.60	1.18	1.40
1923-24	.892	.930	.866	1.10	1.31	1.24	1.01	2.95	1.92	1.86	1.70	1.22	1.42
1924-25	.987	.841	.796	.936	.656	.675	1.11	1.97	2.66	2.41	1.22	1.11	1.29
1925-26	.828	2.90	1.98	1.83	1.81	1.87	.981	1.50	2.41	1.75	1.39	1.20	1.70
1926-27	.873	.892	.987	1.24	1.36	1.06	.790	1.55	2.41	1.49	1.27	1.17	1.25
1927-28	1.25	2.25	2.61	1.53	1.71	1.61	2.04	5.51	3.18	1.80	1.68	1.14	2.20
1928-29	1.03	.707	1.47	1.51	1.85	1.45	1.35	5.24	2.08	1.76	1.68	1.54	1.81

KENNEBEC RIVER AT THE FORKS, MAINE
Mean Monthly Discharge in Second Feet per Square Mile
[Drainage Area, 1570 Square Miles]
Corrected for Storage

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Mean for Year
1920-21	1.52	1.50	1.99	.917	.548	2.68	5.20	1.63	1.12	1.04	.229	.146	1.55
1921-22	.669	1.24	1.12	.591	.348	1.18	5.86	2.61	3.57	1.72	.656	.102	1.64
1922-23	.376	.238	.403	.713	.346	.414	3.99	6.62	1.72	1.05	.465	.363	1.39
1923-24	.331	1.08	1.76	.764	.389	.497	2.55	6.29	1.37	.866	.490	.561	1.42
1924-25	.280	.533	.834	.527	1.03	1.61	3.97	2.69	2.57	1.99	.420	.637	1.43
1925-26	2.12	3.29	1.41	.656	.471	.338	.943	5.99	2.54	.682	.172	.344	1.59
1926-27	.348	2.21	1.06	.633	.408	.841	2.69	3.64	2.38	.764	.885	.306	1.35
1927-28	2.08	3.44	2.61	1.49	.975	.586	4.90	6.56	3.04	.815	.586	.504	2.30
1928-29	1.32	1.54	1.11	1.01	.585	.834	4.48	6.56	2.09	.589	.176	.158	1.71

KENNEBEC RIVER AT THE FORKS, MAINE
Per Cent of Time Duration Table
[Drainage Area, 1570 Square Miles]

Sec. ft. per sq. mi.	1920-21	1921-22	1922-23	1923-24	1924-25	1925-26	1926-27	1927-28	1928-29	Mean 24-Year period ending Sept. 30, 1929
0.05										
.1										
.15	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.3	100.0	100.0	100.0	99.5	99.2	100.0	100.0	100.0	100.0	99.0
.4	100.0	98.1	98.1	98.6	94.2	100.0	99.7	99.7	100.0	97.1
.5	99.7	92.9	96.7	97.0	90.4	100.0	95.9	99.5	100.0	93.4
.6	98.9	89.6	89.0	93.7	88.5	97.8	90.4	97.3	94.5	88.3
.7	98.1	88.8	72.9	91.0	84.7	95.9	85.2	94.3	89.9	83.8
.8	97.8	81.1	59.7	87.2	78.1	92.9	80.8	91.8	87.4	78.7
.9	95.6	71.2	54.2	84.7	69.0	91.2	74.0	90.4	85.2	74.3
1.0	92.6	63.0	49.0	75.7	52.6	85.2	66.6	87.2	82.7	68.5
1.1	89.3	51.8	45.2	66.4	47.1	77.8	58.4	85.5	80.8	63.6
1.2	85.5	47.7	40.5	53.0	39.7	70.1	48.5	82.8	77.3	57.7
1.3	80.0	44.9	36.4	47.0	31.0	63.6	31.5	78.7	74.0	52.7
1.4	73.4	42.5	33.4	42.1	26.6	57.8	17.8	68.9	68.2	48.6
1.5	57.5	40.8	32.3	39.6	24.4	54.2	12.1	63.7	59.7	44.2
1.6	43.8	37.5	30.7	32.8	22.7	47.1	9.6	55.2	47.7	39.1
1.75	31.5	30.7	28.8	25.4	20.5	39.5	6.8	43.7	29.9	32.5
1.9	23.0	28.8	26.6	19.1	15.3	25.8	6.3	35.8	18.6	27.2
2.05	12.9	23.0	19.5	8.2	12.9	12.9	6.0	27.3	9.9	21.0
2.25	9.0	16.7	12.9	6.6	10.4	10.4	5.8	23.2	9.6	16.3
2.5	7.9	9.6	7.1	5.5	7.1	9.0	5.5	20.8	9.3	12.3
2.75	6.8	7.1	5.5	4.9	5.5	7.7	4.9	19.4	8.2	10.2
3.0	6.8	5.5	4.9	4.4	4.4	6.6	4.7	16.9	7.1	8.8
3.5	4.4	4.7	4.1	2.2	3.3	5.2	3.3	14.5	5.8	6.8
4.0	2.5	4.1	3.6	.8	1.6	3.6	1.9	12.8	4.9	5.4
4.5	1.4	3.0	3.0	.0	1.4	1.9	1.6	9.8	3.8	4.2
5.0	.5	2.2	1.9	.0	.0	1.9	.8	7.1	3.3	3.0
7.0	.0	.8	.0	.8	.0	.8	.3	2.5	2.7	1.1
10.0	.0	.0	.3	.0	.0	.0	.0	.5	1.9	.2
15.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

Mean flow for period of duration table — 1.64 sec. ft. per sq. mi.

KENNEBEC RIVER AT WATERVILLE, MAINE
Mean Monthly Discharge in Second Feet per Square Mile
[Drainage Area, 4270 Square Miles]

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Mean for Year
1920-21	1.42	1.15	2.90	1.02	.881	3.04	3.56	1.45	.934	.885	.756	.489	1.55
1921-22	.550	.794	.855	.560	.501	2.32	5.43	2.58	2.83	2.21	1.03	.785	1.70
1922-23	.681	.618	.391	.600	.492	.518	4.19	6.11	1.47	1.02	.787	.595	1.46
1923-24	.578	.782	1.30	.836	.712	1.07	2.97	3.86	1.13	.932	.752	1.08	1.33
1924-25	.550	1.05	.681	.513	1.49	1.95	2.37	1.84	1.71	1.60	.691	.745	1.26
1925-26	1.93	3.35	1.80	1.12	.897	.930	2.10	3.14	1.89	.871	.662	.541	1.61
1926-27	.656	2.34	.892	.822	.759	1.67	2.44	2.62	1.76	.843	.714	.658	1.35
1927-28	2.58	4.10	2.79	1.39	.984	1.05	6.00	7.42	3.14	1.07	.843	.972	2.69
1928-29	.998	.946	1.10	1.27	.906	1.30	4.47	5.64	1.40	.796	.649	.567	1.68

KENNEBEC RIVER AT WATERVILLE, MAINE
Per Cent of Time Duration Table [Drainage Area, 4270 Square Miles]

Sec. ft. per sq. mi.	1920-21	1921-22	1922-23	1923-24	1924-25	1925-26	1926-27	1927-28	1928-29	Mean 36-year period ending Sept. 30, 1929
0.05	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	99.0
.1	100.0	100.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	98.9
.15	99.7	99.7	99.5	99.7	99.7	100.0	100.0	100.0	100.0	98.5
.2	99.5	98.1	98.9	99.5	99.7	99.7	100.0	100.0	100.0	98.1
.3	98.9	94.0	94.0	98.4	98.4	99.2	99.7	100.0	99.7	96.0
.4	97.5	91.5	88.2	97.3	94.8	97.8	98.1	100.0	99.2	92.7
.5	94.8	86.8	78.1	93.7	85.5	96.4	94.8	98.9	96.7	87.6
.6	91.0	78.6	63.0	86.3	72.1	91.0	86.8	97.3	89.3	80.5
.7	85.8	69.0	49.0	75.7	59.2	84.1	77.8	93.7	78.4	72.8
.8	81.4	60.8	42.5	61.7	54.5	78.4	58.9	88.5	71.0	65.5
.9	73.7	54.0	37.8	47.3	50.4	71.5	43.8	79.2	57.5	57.8
1.0	47.4	46.3	28.5	39.9	47.4	58.4	37.5	67.8	44.9	48.1
1.1	40.0	41.9	24.1	32.0	43.0	47.9	32.9	61.2	38.6	42.0
1.2	32.1	38.6	20.5	27.9	39.7	43.3	31.8	57.4	34.0	37.7
1.3	29.9	36.2	19.5	26.2	37.0	39.7	29.3	52.7	31.2	34.7
1.4	27.7	33.7	18.6	23.0	32.3	37.0	28.2	49.7	28.5	32.1
1.5	26.3	31.8	17.5	21.3	30.4	34.2	27.4	46.7	26.3	30.0
1.6	25.2	29.9	17.0	19.9	27.4	31.0	26.3	44.3	24.1	28.1
1.75	23.6	28.2	15.6	18.3	22.7	27.1	23.6	39.9	21.9	25.6
1.9	22.2	27.1	14.5	17.2	17.5	23.6	21.4	37.7	19.2	23.6
2.05	20.5	24.7	13.7	16.4	15.3	21.4	18.9	36.3	17.0	21.8
2.25	18.6	21.9	13.2	15.6	12.3	19.2	15.9	33.1	14.8	20.0
2.5	16.7	19.5	12.3	14.5	9.0	14.5	13.7	29.8	14.2	18.0
2.75	14.5	17.0	11.5	12.6	6.8	12.1	11.8	27.3	13.7	16.3
3.0	12.6	14.5	9.6	10.4	6.3	11.0	9.0	25.7	12.9	14.6
3.5	9.3	11.5	8.8	7.1	4.1	7.4	6.6	21.6	12.1	12.1
4.0	7.1	9.9	7.1	4.6	2.7	5.8	3.6	19.7	9.6	9.9
4.5	6.0	8.2	6.0	3.3	1.6	4.9	1.9	18.3	7.7	8.1
5.0	3.6	7.4	4.7	3.0	1.1	4.4	1.1	15.0	7.1	6.6
7.0	.8	3.3	2.7	.3	.3	1.4	.5	8.5	3.8	2.9
10.0	.0	1.1	1.6	.0	.0	.0	.0	3.6	1.1	.9
15.0	.0	.0	1.1	.0	.0	.....	.....	1.4	.3	.2
25.0	.0	.0	.5	.0	.0	.....	.....	.3	.0	.0
40.0	.0	.0	.0	.0	.0	.....	.....	.0	.....	.....

Mean flow for period of duration table — 1.69 sec. ft. per sq. mi.

MOOSE RIVER NEAR ROCKWOOD, MAINE
Mean Monthly Discharge in Second Feet per Square Mile
[Drainage Area, 708 Square Miles]

Year	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Mean for Year
1905-06	.208	.223	.302	.270	.523	.219	1.47	6.77	2.90	1.05	.370	.360	1.22
1906-07	.836	1.17	.710	.472	.304	.295	1.53	6.86	2.78	2.23	1.45	.667	1.61
1907-08	1.88	4.76	4.25	1.00	.768	.665	2.35	6.77	3.15	.484	.309	.246	2.26
1910-11	.333	.613	.477	.266	.172	.055	1.06	4.48	1.26	.908	.631	.809	.922
1911-12	1.08	.966	1.51	.949	.294	.585	2.99	5.51	4.10	.983	.856	.586	1.71
1919-20	.....	2.97	.956	.350	.232	.487	5.48	7.34	3.06	1.30	.489	.342	.....
1920-21	.770	1.05	1.40	.850	.514	2.29	7.29	1.17	1.02	.647	.371	.223	1.47
1921-22	.578	1.26	1.14	.507	.315	.648	5.96	2.64	2.88	1.98	.507	.258	1.55
1922-23	.338	.465	.510	.446	.273	.233	2.44	7.47	2.73	1.36	.758	.425	1.47
1923-24	.551	1.28	2.01	.819	.442	.312	1.89	7.51	1.81	1.22	.698	.482	1.60
1924-25	.606	.436	1.24	.261	.685	1.17	4.49	3.36	3.05	1.65	.582	.564	1.51

MOOSE RIVER NEAR ROCKWOOD, MAINE
Per Cent of Time Duration Table [Drainage Area, 708 Square Miles]

Sec. ft. per sq. mile	1905-06	1906-07	1907-08	1910-11	1911-12	1920-21	1921-22	1922-23	1923-24	1924-25
.05	100.0	100.0	100.0	95.6	100.0	100.0	100.0	100.0	100.0	100.0
.1	100.0	100.0	100.0	89.6	99.2	100.0	100.0	100.0	100.0	100.0
.15	98.4	100.0	98.9	85.8	96.2	100.0	99.7	98.6	100.0	94.5
.2	87.4	99.5	97.8	84.9	95.4	97.5	98.4	98.1	100.0	92.9
.3	52.6	89.0	85.5	69.6	94.3	92.3	87.1	80.8	96.4	87.4
.4	38.9	83.6	78.1	61.6	87.7	83.0	74.2	70.7	80.6	84.4
.5	34.8	72.1	74.3	54.8	79.5	74.8	68.8	46.0	72.4	81.1
.6	31.2	64.4	71.6	44.1	74.3	66.3	64.9	35.1	61.7	61.1
.7	28.2	60.0	69.4	40.5	70.8	60.8	57.3	31.5	56.8	54.2
.8	27.1	54.0	62.0	31.8	66.1	51.8	53.2	31.0	55.2	50.7
.9	26.3	45.8	57.7	25.2	57.9	37.8	49.0	29.6	51.6	47.9
1.0	24.7	43.8	54.9	23.8	50.0	31.2	43.0	28.5	47.0	44.7
1.1	23.0	41.4	52.7	21.6	44.0	27.7	38.1	26.8	41.5	42.2
1.2	21.1	37.3	48.9	15.6	35.2	23.6	35.3	26.0	38.0	39.5
1.3	20.0	36.4	47.5	13.4	32.2	20.8	32.9	25.5	34.2	38.4
1.4	19.7	35.3	45.9	12.1	29.8	19.7	31.2	24.1	31.4	32.6
1.5	19.7	34.0	44.5	11.5	28.7	18.9	29.9	23.6	28.7	30.7
1.6	19.2	33.2	43.4	11.0	28.1	18.1	27.1	21.9	25.4	29.3
1.75	18.6	29.9	41.8	9.6	26.8	18.1	22.7	20.5	23.2	28.8
1.9	18.4	24.4	39.3	7.7	24.9	13.2	19.7	17.7	20.5	28.5
2.05	17.8	22.7	37.2	7.4	23.8	11.8	18.6	18.9	18.0	28.5
2.25	17.0	20.0	35.8	7.1	21.0	11.2	17.5	17.8	16.7	27.9
2.5	16.2	18.9	34.4	6.3	20.8	11.0	15.6	15.1	14.8	24.7
2.75	15.6	15.6	33.6	6.0	20.5	10.4	14.2	13.4	11.7	21.9
3.0	15.3	14.2	31.7	5.8	20.2	10.4	13.2	11.8	10.4	17.5
3.5	12.3	11.0	30.1	5.2	16.7	9.0	11.0	9.6	8.7	14.2
4.0	10.1	9.9	27.3	4.9	14.8	8.5	10.1	8.2	7.9	8.8
4.5	9.0	8.8	18.6	4.7	11.5	8.2	9.3	6.6	7.4	6.8
5.0	7.9	7.9	13.1	4.1	8.2	6.8	8.2	5.8	7.4	1.4
7.0	4.7	4.1	4.6	2.2	1.9	4.4	3.8	4.4	5.7	.0
10.0	.0	.0	.0	.0	.0	1.9	.8	3.0	.3	.0
15.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0
20.0	.....	.....	.....	.....	.....	.....	.....	.0	.....	.....

DEAD RIVER AT THE FORKS, MAINE
Mean Monthly Discharge in Second Feet per Square Mile
[Drainage Area, 878 Square Miles]

Year	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Mean for Year
1920-21	1.80	1.31	1.86	.800	.588	3.55	4.53	1.39	.523	.329	.233	.179	1.42
1921-22	.547	.736	.811	.403	.207	1.50	7.11	2.44	2.60	1.17	.486	.345	1.53
1922-23	.372	.337	.265	.410	.236	.255	4.87	6.54	2.00	.671	.361	.290	1.39
1923-24	.605	1.01	1.64	.732	.388	.437	2.57	6.42	1.05	.726	.359	1.30	1.45
1924-25	.523	1.30	1.05	.331	1.54	1.39	4.70	2.69	1.95	1.41	.466	.743	1.50
1925-26	2.69	3.42	1.23	.644	.429	.391	1.48	5.96	2.27	.549	.469	.399	1.66
1926-27	.646	2.20	.797	.546	.421	1.15	3.17	3.28	1.50	.606	.648	.597	1.30
1927-28	2.19	4.42	2.19	1.06	.932	.811	4.24	6.20	2.28	.665	.470	.897	2.20
1928-29	1.37	1.82	1.05	.923	.640	.828	4.70	6.63	1.46	.522	.314	.313	1.72

DEAD RIVER AT THE FORKS, MAINE
Per Cent of Time Duration Table [Drainage Area, 878 Square Miles]

Sec. ft. per sq. mile	1920-21	1921-22	1922-23	1923-24	1924-25	1925-26	1926-27	1927-28	1928-29	Mean 21 years
0.05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.8
.1	100.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.1
.15	100.0	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.8
.2	87.9	93.2	97.8	100.0	97.8	99.5	100.0	100.0	100.0	94.8
.3	78.4	84.4	62.2	93.7	86.3	91.2	99.2	100.0	93.2	86.7
.4	75.1	72.1	45.2	79.0	75.3	81.6	88.2	98.1	82.7	76.9
.5	69.9	61.9	35.3	66.1	69.6	72.9	78.6	85.8	76.2	67.6
.6	61.4	54.0	30.1	57.9	66.0	62.5	61.4	78.1	70.1	59.3
.7	52.9	47.7	27.1	50.0	62.5	52.9	47.7	72.1	60.3	51.7
.8	47.9	45.5	24.7	42.6	59.2	47.7	40.3	65.3	57.5	47.8
.9	41.9	39.5	23.3	37.2	52.1	43.6	36.7	60.9	51.8	42.8
1.0	38.9	37.0	22.7	32.8	45.8	42.2	33.7	56.3	45.8	39.9
1.1	34.5	35.3	20.5	30.9	40.5	37.8	30.7	53.3	40.5	36.4
1.2	33.2	33.2	19.7	29.8	36.7	36.4	29.6	51.6	35.6	34.8
1.3	30.7	31.0	19.5	28.4	33.4	35.3	27.4	48.9	30.7	32.3
1.4	29.6	29.3	19.2	26.5	30.1	33.2	25.5	44.8	26.8	30.6
1.5	26.3	26.8	18.6	23.2	27.7	32.1	23.8	40.2	25.2	28.4
1.6	23.3	26.3	18.6	22.4	25.5	31.8	21.9	39.3	24.1	26.7
1.75	22.7	23.0	18.1	20.2	24.4	28.5	19.5	34.4	22.5	24.6
1.9	22.2	21.1	16.4	18.9	23.3	26.0	18.4	32.8	20.0	22.9
2.05	20.0	20.0	16.4	17.5	21.6	24.7	15.9	30.9	18.4	21.4
2.25	18.9	18.4	13.7	15.3	20.5	22.7	14.2	29.2	16.7	19.7
2.5	17.3	16.4	13.2	13.1	18.6	20.5	13.2	25.7	15.1	18.6
2.75	15.3	14.5	12.6	11.5	17.0	18.4	11.5	21.0	14.5	16.2
3.0	14.0	12.3	10.7	10.1	15.1	16.7	10.4	19.4	14.2	15.0
3.5	12.3	9.9	9.0	7.9	12.9	13.7	8.5	15.8	12.6	12.8
4.0	10.4	8.8	8.8	7.4	9.0	11.8	7.4	13.7	10.7	11.3
4.5	9.6	8.2	8.2	6.8	7.1	9.6	5.8	11.5	8.5	9.6
5.0	6.8	5.5	7.4	6.8	5.2	7.4	3.8	10.7	7.1	7.9
7.0	1.4	3.8	5.2	5.5	1.4	3.0	1.4	6.6	4.9	3.6
10.0	.0	3.0	2.5	1.4	.0	1.1	.0	3.8	2.5	1.3
15.0	.0	.0	1.4	.0	.0	.0	.0	.3	.5	.3
25.0	.0	.0	.8	.0	.0	.....	.....	.0	.0	.0
40.0	.....	.....	.5	.0	.0	.....	.....	.....	.....	.....
.....	.....	.....	.0	.0	.0	.....	.....	.....	.....	.....

Mean flow for periods of duration table — 1.62 sec. ft. per sq. mi.

CARRABASSETT RIVER NEAR NORTH ANSON, MAINE

Mean Monthly Discharge in Second Feet per Square Mile
 [Drainage Area, 351 Square Miles]

Year	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Mean for Year
1924-25											.254	.895	
1925-26	2.96	4.19	2.09	.738	.464	.464	3.53	5.84	1.97	.433	.266	.284	1.94
1926-27	.584	3.87	.972	.538	.521	2.79	3.90	4.30	1.60	.755	.598	.581	1.75
1927-28	3.59	4.84	2.91	1.62	.991	1.13	5.90	7.49	2.43	1.15	.624	1.32	2.83
1928-29	1.34	1.37	1.20	1.65	.792	1.47	7.69	5.73	.897	.368	.281	.186	1.92

CARRABASSETT RIVER NEAR NORTH ANSON, MAINE
Per Cent of Time Duration Table
[Drainage Area, 351 Square Miles]

Sec. ft. per sq. mi.	1925-26	1926-27	1927-28	1928-29	Mean 4-year period
0.05				100.0	100.0
.1	100.0	100.0	100.0	99.5	99.9
.15	98.9	99.5	100.0	98.6	99.2
.2	97.0	99.2	99.7	91.5	96.9
.3	87.4	94.5	99.5	82.5	91.0
.4	79.5	89.6	97.3	79.2	86.4
.5	64.9	78.4	91.5	76.4	77.8
.6	57.8	54.5	87.4	70.4	67.5
.7	53.2	48.2	82.8	64.4	62.2
.8	48.5	45.5	79.5	57.0	57.6
.9	44.7	41.4	73.0	48.8	52.0
1.0	42.5	40.3	68.9	43.3	48.8
1.1	41.6	38.6	65.0	40.5	45.4
1.2	39.5	36.4	61.7	38.4	44.0
1.3	38.9	35.3	58.2	37.0	42.4
1.4	36.7	33.2	54.4	34.5	39.7
1.5	34.5	33.2	52.7	32.1	38.1
1.6	31.5	31.2	50.3	30.4	35.8
1.75	29.6	29.3	45.4	28.8	33.3
1.9	28.2	27.7	42.9	26.0	31.2
2.05	26.6	26.0	38.3	23.0	28.5
2.25	25.5	24.4	34.4	20.8	26.3
2.5	22.7	22.5	31.4	19.2	24.0
2.75	19.2	20.0	27.0	16.7	20.7
3.0	18.6	18.1	25.7	15.9	19.6
3.5	16.7	14.8	22.4	14.5	17.1
4.0	14.0	12.1	18.6	11.2	14.0
4.5	11.0	9.9	15.3	8.2	11.1
5.0	9.9	7.9	12.8	7.4	9.5
7.0	6.3	4.1	7.4	5.8	5.9
10.0	3.3	1.4	4.1	3.8	3.2
15.0	.8	.3	2.7	1.4	1.3
25.0	.0	.0	1.1	.0	.3
30.0			.3		.1

Mean flow for period of duration table—2.11 sec. ft. per sq. mi.

COBBOSSECONTEE STREAM AT GARDINER, MAINE
Mean Monthly Discharge in Second Feet per Square Mile [Drainage Area, 220 Square Miles]

Year	Oct.	Nov.	Dec.	Jan.	Feb.	March	Apr.	May	June	July	Aug.	Sept.	Mean for Year
1890									1.28	1.28	1.11	1.19	
1890-91	1.29	1.57	1.14	2.20	2.53	6.27	5.82	1.15	1.18	1.12	1.09	1.07	2.20
1891-92	.882	.364	.668	.981	1.09	1.11	1.12	1.15	1.06	.882	1.11	1.10	.954
1892-93	1.07	1.06	1.11	1.07	1.14	1.80	2.76	4.64	1.13	1.03	1.08	.896	1.56
1893-94	.814	.850	.805	.873	.859	1.55	1.24	1.38	1.49	1.03	1.11	.988	1.08
1894-95	.991	.946	.918	.991	.832	.741	3.51	1.09	1.06	1.07	1.08	.909	1.18
1895-96	.459	.654	.539	1.05	1.07	5.00	3.69	1.04	1.10	1.07	1.03	.996	1.50
1896-97	.918	.845	.954	.954	1.02	1.00	1.99	1.87	1.74	1.08	1.07	1.10	1.21
1897-98	.914	1.06	1.05	1.07	1.37	3.83	2.68	1.39	1.10	1.03	1.09	.995	1.41
1898-99	.909	.946	1.06	1.03	1.05	1.07	3.53	1.11	1.10	1.03	1.09	.775	1.22
1899-1900	.391	.596	.527	.541	2.06	6.20	4.38	2.47	1.11	1.01	1.05	.928	1.77
1900-01	.818	.782	.850	.914	.677	1.36	7.91	1.15	1.25	1.07	1.11	1.04	1.58
1901-02	.995	.932	2.00	2.04	1.30	6.18	3.14	1.53	1.06	1.03	1.07	1.10	1.87
1902-03	1.09	1.02	1.04	1.01	1.30	7.14	2.07	1.07	1.10	1.07	1.05	1.00	1.66
1903-04	.932	.573	.605	.526	.618	1.26	2.24	3.54	1.10	1.01	1.05	1.00	1.22
1904-05	1.00	.854	.618	.577	.641	.754	1.58	1.09	1.11	.968	1.01	.872	.922
1905-06	.795	.650	.718	.900	1.07	1.07	2.77	1.98	2.59	1.71	1.30	1.09	1.39
1906-07	1.11	1.09	1.00	1.13	1.16	1.19	3.66	1.52	1.07	1.07	1.10	1.00	1.34
1907-08	1.05	1.34	1.01	1.86	2.12	1.92	1.93	2.83	1.76	1.05	1.03	1.04	1.58
1908-09	.772	.591	.523	.704	.786	1.39	5.18	1.11	1.08	.973	.991	1.02	1.26
1909-10	.991	1.02	1.01	.868	.973	1.29	1.36	1.76	1.14	.968	1.06	1.05	1.13
1910-11	.914	.791	.536	.600	.705	.732	1.84	1.09	1.05	.786	.823	.818	.891
1911-12	.664	.486	.509	.750	.914	1.76	3.50	1.44	2.16	1.01	1.05	.868	1.26
1912-13	.795	.991	.986	1.09	1.12	1.90	3.43	1.03	1.28	.991	1.02	.764	1.28
1913-14	.905	.977	1.10	1.11	1.11	3.23	5.41	1.47	1.03	1.04	1.00	.936	1.61
1914-15	.759	.645	.641	.718	1.29	1.15	1.03	.877	.814	1.20	1.00	1.03	.927
1915-16	.977	1.03	1.01	1.01	1.30	2.28	4.15	3.29	1.63	1.00	1.04	1.03	1.65
1916-17	.945	.864	.395	.449	1.41	2.37	6.09	1.02	1.82	.982	1.04	1.01	2.15
1917-18	.968	.882	.827	.941	1.04	1.04	2.10	1.05	1.00	1.01	1.25	1.22	1.10
1918-19	2.39	2.65	2.40	2.50	1.42	4.29	2.59	2.41	1.10	.995	.809	.745	2.03
1919-20	.836	1.20	1.30	1.09	1.05	3.64	10.9	2.24	1.05	1.00	1.01	1.05	2.18
1920-21	2.13	1.05	6.41	1.29	1.24	4.23	3.13	1.04	1.06	.914	.823	.668	2.01
1921-22	.482	.682	.868	1.01	.991	1.48	2.67	3.86	3.36	1.04	1.09	1.08	1.55
1922-23	1.05	1.06	.964	1.04	1.15	1.21	4.73	3.97	1.11	.955	.923	.745	1.58
1923-24	0.677	0.709	0.955	1.09	1.11	1.13	2.92	3.79	1.05	1.05	0.850	0.809	1.35
1924-25	.823	.636	.882	.555	.777	2.32	1.87	1.04	1.03	.809	7.91	.755	1.03
1925-26	.677	.836	1.16	1.11	1.14	1.47	5.00	1.74	1.07	.909	7.32	.700	1.38
1926-27	.741	1.34	1.14	1.11	1.14	2.50	1.78	1.98	1.25	.968	1.04	.986	1.33
1927-28	1.05	1.10	2.22	1.75	1.81	1.70	3.73	4.37	1.61	1.00	1.08	1.03	1.87
1928-29	1.19	1.10	1.07	1.30	1.14	3.13	5.95	3.37	1.03	.964	.836	.700	1.82

COBBOSSSECONTEE STREAM AT GARDINER, MAINE

Per Cent of Time Duration Table

[Drainage Area, 220 Square Miles]

Sec. ft. per sq. mi.	1890- 1891	1891- 1892	1892- 1893	1893- 1894	1894- 1895	1895- 1896	1896- 1897	1897- 1898	1898- 1899	1899- 1900	1900- 1901	1901- 1902	1902- 1903	1903- 1904	1904- 1905	1905- 1906	1906- 1907	1907- 1908	1908- 1909	1909- 1910
0.05	90.7	84.4	88.8	86.6	84.7	86.3	87.7	89.0	86.6	87.7	87.4	89.9	87.9	87.7	88.8	87.1	90.2	87.4	87.1	
.1	90.7	83.6	88.2	86.3	84.4	86.1	87.1	88.5	86.0	87.7	87.4	89.3	87.7	87.7	88.2	86.8	89.9	87.4	87.1	
.15	90.7	83.3	88.2	85.8	84.4	86.1	87.1	88.5	86.0	87.7	87.1	89.3	87.4	87.2	87.1	87.9	86.8	89.9	86.8	
.2	90.7	83.3	88.2	85.8	84.4	86.1	87.1	88.5	86.0	87.7	87.1	89.3	87.1	87.2	86.8	87.9	86.8	89.9	86.8	
.3	90.7	83.3	88.2	85.8	84.4	86.1	87.1	88.5	86.0	86.3	87.1	89.3	87.1	87.2	86.0	87.9	86.8	89.9	86.8	
.4	90.7	81.7	87.9	85.8	84.1	85.8	86.8	88.5	86.0	85.5	87.1	89.3	87.1	87.2	86.0	87.9	86.8	89.9	86.0	
.5	90.7	78.1	87.7	85.8	84.1	81.7	86.6	88.5	84.9	81.1	87.1	89.0	87.1	87.2	83.3	87.9	86.8	89.9	86.0	
.6	90.7	77.0	87.7	85.8	84.1	79.0	86.6	88.2	82.2	74.5	80.8	89.0	87.1	80.1	77.3	86.3	86.8	89.9	84.9	
.7	90.7	74.6	87.7	85.2	84.1	77.6	86.6	87.7	78.9	68.2	80.3	89.0	87.1	76.5	75.6	86.3	86.0	88.3	75.9	
.8	90.7	72.4	87.7	84.1	83.6	77.0	86.6	86.6	77.8	64.1	78.6	89.0	87.1	72.1	62.7	85.8	85.8	88.3	71.8	
.9	90.7	71.9	87.7	83.3	83.6	76.5	86.6	85.5	77.3	61.4	77.0	89.0	87.1	65.3	62.5	69.6	85.8	88.3	56.2	
1.0	90.7	71.3	87.7	83.0	83.6	76.5	86.6	85.5	77.3	60.3	75.1	89.0	87.1	59.6	60.8	66.6	85.8	88.3	54.0	
1.1	90.7	66.1	87.7	51.5	69.6	68.9	78.4	85.5	65.6	49.9	48.8	84.9	87.1	54.4	44.4	60.3	84.7	88.3	54.0	
1.2	89.0	59.6	87.1	47.9	36.7	59.6	44.1	80.3	64.9	43.3	44.4	72.1	75.3	49.2	25.2	57.3	83.8	80.3	31.5	
1.3	77.3	1.6	24.4	17.8	7.1	18.3	19.7	26.0	12.9	28.2	13.2	23.6	17.8	12.6	7.7	28.8	32.6	37.7	9.9	
1.4	34.2	.0	21.6	13.2	6.3	16.1	16.7	21.6	6.8	23.3	11.2	23.0	13.7	11.2	3.3	19.5	16.7	37.6	8.2	
1.5	33.2	.0	19.2	6.0	6.0	15.8	13.4	19.2	6.6	23.0	11.2	22.5	13.2	10.7	3.3	18.1	8.8	25.1	7.1	
1.6	29.6	.0	18.4	6.0	5.8	15.8	13.4	15.8	6.0	22.5	11.2	21.6	13.2	9.6	2.7	17.5	8.2	21.3	7.1	
1.75	25.8	.0	15.9	5.8	5.5	15.8	12.1	18.9	6.0	22.5	11.0	20.0	12.9	9.0	2.7	16.7	7.4	19.9	7.1	
1.9	24.4	.0	14.0	4.9	3.3	15.8	10.7	17.3	5.8	21.6	10.7	19.2	13.6	7.9	2.5	16.4	6.8	16.4	7.1	
2.05	22.5	.0	12.9	3.6	3.3	15.8	9.9	13.7	5.8	21.6	10.1	18.6	13.6	7.7	2.5	15.9	6.6	16.1	7.1	
2.25	21.9	.0	11.2	3.0	3.0	15.6	8.5	10.7	5.5	20.8	9.6	17.3	12.3	6.8	1.9	15.6	6.3	15.3	7.1	
2.5	19.5	.0	8.2	2.2	3.0	15.3	6.3	9.6	5.2	20.8	8.8	16.4	11.8	5.5	1.6	14.2	6.0	13.9	7.1	
2.75	17.8	.0	6.3	2.2	3.0	15.3	4.9	8.5	5.2	19.5	8.5	15.9	11.2	4.9	.8	12.9	5.8	12.0	7.1	
3.0	17.0	.0	2.5	1.9	3.0	14.8	2.2	8.2	4.9	18.9	8.2	15.6	10.7	4.1	.5	9.9	5.2	11.5	6.8	
3.5	15.6	.0	1.1	1.4	2.5	10.9	.8	7.7	4.7	18.4	8.2	13.4	8.5	2.7	.3	6.8	4.7	9.0	6.8	
4.0	14.0	.0	.3	1.1	2.5	8.5	.3	7.4	3.0	16.4	7.9	11.8	7.4	2.7	.3	4.9	4.1	6.6	5.5	
4.5	13.4	.0	.0	.0	2.5	6.3	.0	6.8	2.5	15.3	7.1	11.0	6.8	2.5	.0	3.6	3.0	4.1	4.9	
5.0	11.2	.0	.0	.0	2.5	3.8	.0	3.6	2.5	12.9	6.6	9.3	5.5	2.5	.0	1.1	2.5	1.6	4.1	
7.0	6.0	.0	.0	.0	1.4	1.4	.0	.0	.0	2.7	4.4	4.1	3.3	1.9	.0	.0	1.1	1.1	2.5	
10.0	2.5	.0	.0	.0	.8	.3	.0	.0	.0	.3	2.7	2.4	1.4	1.9	.0	.0	.0	.0	.0	
15.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

COBBOSSECONTEE STREAM AT GARDINER, MAINE

Per Cent of Time Duration Table

[Drainage Area, 220 Square Miles]

Sec. ft. per sq. mi.	1910- 1911	1911- 1912	1912- 1913	1913- 1914	1914- 1915	1915- 1916	1916- 1917	1917- 1918	1918- 1919	1919- 1920	1920- 1921	1921- 1922	1922- 1923	1923- 1924	1924- 1925	1925- 1926	1926- 1927	1927- 1928	1928- 1929	Mean 39-year period
0.05	86.6	88.0	87.9	88.2	86.3	90.7	89.3	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	91.5
.1	86.6	88.0	87.9	88.2	86.3	90.7	89.3	91.0	92.6	90.7	90.1	88.2	87.1	87.7	86.0	86.6	88.2	92.1	100.0	88.3
.15	86.6	88.0	87.9	88.2	86.0	90.4	89.3	91.0	92.6	90.2	89.9	88.2	87.1	87.7	86.0	86.6	88.2	92.1	100.0	88.2
.2	86.3	87.7	87.9	88.2	85.8	90.2	89.3	87.4	92.3	89.6	89.9	87.7	87.1	87.7	86.0	86.6	88.2	92.1	89.0	87.7
.3	86.3	87.7	87.9	88.2	85.8	90.2	89.3	86.8	92.1	89.6	89.3	87.4	86.8	87.7	86.0	86.6	87.7	91.8	88.5	87.6
.4	86.3	87.4	87.9	88.2	85.8	90.2	89.3	86.8	92.1	89.6	88.8	87.4	86.8	87.4	85.8	86.6	87.7	91.8	88.5	87.5
.5	85.8	87.2	87.9	87.9	85.8	89.9	89.3	86.3	92.1	89.3	88.2	86.8	86.8	87.2	82.2	86.3	87.7	91.5	88.2	86.8
.6	78.1	75.1	87.9	87.9	85.5	89.6	89.3	85.2	92.1	89.3	87.9	85.5	86.8	86.9	78.4	86.3	87.7	91.3	87.9	85.2
.7	74.8	73.5	86.3	87.4	85.2	89.3	88.5	83.8	91.8	87.4	87.9	80.3	86.6	86.6	76.4	85.2	86.8	90.2	87.1	83.8
.8	65.2	69.1	86.0	87.4	70.1	89.3	88.2	83.6	90.4	87.2	82.5	76.2	86.3	76.5	72.3	76.4	86.8	90.2	87.1	81.2
.9	58.9	59.3	74.0	83.3	57.3	88.8	88.2	83.0	81.9	82.0	77.3	69.0	79.5	71.0	58.9	61.6	78.0	89.1	80.8	76.8
1.0	33.7	53.8	70.4	81.4	47.9	88.8	81.9	83.0	78.6	81.7	70.1	65.2	72.9	57.9	35.3	56.7	74.5	88.8	70.7	72.9
1.1	25.5	45.4	70.1	81.1	41.6	88.8	78.9	66.0	77.8	81.1	69.9	64.9	68.2	57.9	34.5	56.2	74.2	88.3	70.4	67.9
1.2	23.8	36.6	40.8	41.6	5.5	32.0	33.4	9.6	70.7	50.8	54.2	41.4	59.7	53.0	30.4	53.4	72.3	88.3	70.4	52.7
1.3	11.8	21.0	24.1	20.8	5.5	29.5	33.2	8.8	57.0	28.4	43.3	24.7	32.6	23.8	13.7	37.8	45.8	57.4	58.4	26.2
1.4	5.8	15.6	9.0	18.1	2.7	24.3	24.7	7.1	48.2	23.0	37.8	16.7	9.9	14.2	5.8	15.0	14.0	35.2	22.2	17.0
1.5	5.2	14.5	9.0	17.8	2.7	22.1	20.0	6.3	43.0	19.9	19.7	15.9	9.6	13.4	5.2	14.0	14.0	34.2	21.6	14.9
1.6	3.8	14.5	8.8	17.8	2.7	22.1	19.2	6.0	40.0	19.7	19.7	15.6	9.6	13.1	5.2	13.2	13.2	32.0	20.8	14.2
1.75	3.8	14.2	8.5	17.8	1.9	20.8	15.1	6.0	34.5	17.2	18.9	14.5	9.6	12.6	5.2	13.2	12.3	30.1	20.5	13.2
1.9	3.6	13.4	8.5	16.4	1.9	19.7	13.4	4.7	31.5	15.8	18.9	13.7	9.3	9.3	5.2	7.1	9.9	25.1	17.3	11.9
2.05	2.7	13.1	8.5	16.4	1.9	19.7	13.2	4.1	28.5	15.8	18.6	12.3	9.3	8.7	4.9	7.1	9.0	20.5	17.0	11.3
2.25	2.7	12.8	8.5	16.2	1.9	19.1	13.2	4.1	24.4	15.0	17.3	11.5	9.0	8.7	3.8	6.6	6.8	16.7	15.3	10.6
2.5	1.6	10.9	8.2	15.9	1.9	15.6	12.1	3.8	20.8	15.0	16.2	11.0	8.8	8.2	3.6	6.6	6.8	14.8	14.8	9.0
2.75	1.4	9.3	8.2	15.1	1.6	13.4	11.8	3.3	20.0	13.9	15.6	10.7	8.2	7.1	2.7	6.6	6.8	14.2	14.5	8.3
3.0	1.1	9.0	7.7	15.1	1.4	12.8	11.2	3.0	18.4	13.1	15.1	10.1	7.9	6.8	2.7	6.6	6.6	14.2	14.5	8.3
3.5	.0	7.4	7.1	11.5	.8	10.7	10.4	1.9	14.5	12.3	13.7	8.5	7.7	6.3	2.5	6.3	6.3	12.3	12.1	7.1
4.0	.0	5.5	3.3	8.8	.5	9.0	10.4	1.4	11.5	12.0	11.2	6.3	7.4	5.2	2.2	6.0	4.4	8.5	11.5	5.9
4.5	.0	3.0	2.5	7.7	.0	5.7	10.1	.8	10.1	11.5	10.4	4.7	6.8	4.1	1.9	5.5	2.2	7.4	10.7	4.9
5.0	.0	1.6	1.6	6.0	.0	3.8	9.6	.3	8.5	11.2	10.1	4.4	6.8	3.3	1.9	5.5	1.6	5.7	7.7	4.1
7.0	.0	.8	1.1	2.2	.0	1.4	8.2	.0	3.3	9.3	5.5	3.0	4.9	1.6	.8	.3	.3	1.4	4.7	2.1
10.0	.0	.0	.0	.0	.0	.0	7.4	.0	.3	6.3	3.8	1.4	1.4	.3	.0	.0	.0	.0	1.9	.9
15.0	.0	.0	.0	.0	.0	.0	1.6	.0	.0	.8	3.3	.5	.0	.0	.0	.0	.0	.0	.0	.1

Mean flow for period of duration table — 1.46 sec. ft. per sq. mi.

ANDROSCOGGIN RIVER AT RUMFORD, MAINE
Mean Monthly Discharge in Second Feet per Square Mile
[Drainage Area, 2090 Square Miles]

Year	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Mean for Year
1920-21	1.44	1.33	2.07	1.42	1.29	3.33	3.07	1.50	.962	.871	.861	.780	1.58
1921-22	.828	1.00	1.10	.852	.789	1.67	4.53	2.74	3.34	1.80	1.31	1.22	1.77
1922-23	1.16	1.14	1.12	1.26	1.15	1.06	4.02	3.48	1.42	.986	.900	.828	1.54
1923-24	.909	1.20	1.42	1.22	1.06	1.08	2.37	4.24	1.19	.995	.995	2.30	1.58
1924-25	1.39	2.00	1.33	1.18	1.85	2.39	3.07	1.93	1.42	1.46	1.09	1.07	1.68
1925-26	1.49	2.64	1.92	1.36	1.31	1.26	2.19	3.64	1.69	1.23	1.08	1.00	1.74
1926-27	1.09	1.74	1.13	1.11	1.09	1.74	2.49	2.12	1.43	1.36	1.16	1.14	1.46
1927-28	1.87	3.46	2.31	1.77	1.67	1.76	3.44	4.77	2.38	1.34	1.31	1.42	2.29
1928-29	1.36	1.44	1.33	1.59	1.39	1.85	3.80	4.98	1.43	1.17	.971	.947	1.86

ANDROSCOGGIN RIVER AT RUMFORD, MAINE.
Per Cent of Time Duration Table [Drainage Area, 2090 Square Miles]

Sec. ft. per sq. mile	1920-21	1921-22	1922-23	1923-24	1924-25	1925-26	1926-27	1927-28	1928-29	Mean 33-year period ending Sept. 30, 1929
0.05										
.1										
.15										
.2										
.3										
.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.4
.6	100.0	100.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	98.8
.7	100.0	99.7	99.5	98.9	100.0	100.0	100.0	100.0	99.7	97.1
.8	87.4	84.7	95.9	94.8	97.8	98.9	99.7	100.0	99.7	92.3
.9	75.3	67.7	85.8	85.2	96.2	98.1	98.1	99.7	99.7	84.2
1.0	71.2	61.6	72.6	69.4	91.0	94.8	88.8	98.6	95.6	75.0
1.1	66.3	57.5	55.9	52.5	82.7	84.9	64.7	96.4	96.6	65.9
1.2	57.5	46.8	33.7	40.2	64.4	74.8	48.8	89.6	79.5	57.2
1.3	46.3	41.4	24.9	31.7	47.4	60.0	39.7	83.3	78.7	47.6
1.4	36.7	36.2	20.8	26.2	39.7	39.7	34.2	78.7	62.2	39.9
1.5	28.8	33.4	17.8	21.3	34.2	32.3	30.1	70.5	44.9	33.7
1.6	24.7	29.6	16.7	20.2	30.1	27.4	25.8	62.2	33.4	29.6
1.75	21.4	25.2	16.4	18.6	22.7	22.2	20.8	47.5	28.2	26.7
1.9	18.4	22.2	14.2	16.4	19.2	18.4	15.6	38.0	24.9	23.5
2.05	17.3	20.3	14.0	14.8	16.2	15.9	13.4	33.1	22.5	21.0
2.25	15.6	18.9	11.8	13.1	13.7	14.2	10.4	28.1	20.3	19.3
2.5	12.9	17.8	9.9	11.5	12.6	13.7	7.4	23.5	17.5	17.2
2.75	11.0	15.1	8.5	10.4	10.1	12.9	5.5	20.2	16.2	15.3
3.0	9.3	12.9	7.7	8.7	7.9	11.0	3.8	17.2	14.5	13.4
3.5	6.3	11.0	6.0	7.4	5.2	6.8	3.0	13.4	11.8	11.8
4.0	4.9	9.3	4.7	7.4	3.8	6.0	1.6	11.7	9.6	9.0
4.5	3.8	8.8	3.6	5.5	3.0	4.1	1.4	7.1	8.8	7.1
5.0	3.3	6.6	3.0	4.6	2.5	3.6	.5	5.5	7.1	5.4
7.0	.3	2.7	1.9	1.4	1.1	.8	.0	2.5	5.8	4.3
10.0	.0	.3	.8	.3	.0	.0	.0	.8	1.4	1.7
15.0	.0	.0	.3	.0	.0	.0	.0	.3	.5	.4
20.0			.0					.0	.0	.0

Mean flow for period of duration table — 1.65 sec. ft. per sq. mi.

MAGALLOWAY RIVER AT AZISCOHOS DAM, MAINE

Mean Monthly Discharge in Second Feet per Square Mile

[Drainage Area, 233 Square Miles]

Year	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Mean for Year
1913-14	3.92	1.33	5.92	2.86	1.38	.296	.258	.403	.854	.601	.391	.382	1.55
1914-15	1.13	4.18	2.95	4.72	5.11	4.68	2.46	.545	3.39	.416	.536	.485	2.53
1915-16	.631	.416	.369	.914	3.42	.339	.356	2.88	4.81	2.62	1.78	1.06	1.62
1916-17	5.24	4.06	2.21	.785	1.54	4.11	1.03	1.19	7.08	1.73	2.35	6.01	3.11
1917-18	2.56	1.50	7.68	7.21	3.25	.532	.294	.777	2.30	.657	1.17	.760	2.39
1918-19	1.24	.876	3.42	2.59	1.13	1.46	.970	3.51	1.96	1.61	5.54	2.46	2.24
1919-20	.355	.064	4.42	6.27	4.94	2.18	.312	1.26	2.56	1.13	.150	2.46	2.17
1920-21	2.36	2.13	1.61	4.85	2.49	.618	1.10	3.02	4.89	3.50	1.21	.515	2.36
1921-22	.511	.524	.545	1.91	3.77	3.53	.528	1.06	1.24	.424	.624	.481	1.25
1922-23	2.40	2.34	5.19	4.94	.764	3.31	1.03	1.82	.682	2.62	2.20	1.97	2.51
1923-24	2.99	1.38	.635	1.40	.648	4.68	1.90	1.49	3.92	2.66	3.57	.635	2.11
1924-25	.712	1.16	2.05	1.40	.742	5.28	.652	1.32	3.54	.704	3.81	2.60	2.01
1925-26	.678	1.43	2.27	2.27	2.22	5.19	3.27	.682	3.06	3.00	5.02	2.69	2.57
1926-27	2.47	1.37	4.55	2.14	.107	.234	.151	1.48	.148	2.26	3.75	2.62	1.80
1927-28	.566	.142	.191	.324	2.64	4.42	1.48	6.09	2.97	2.22	2.16	2.29	2.02
1928-29	2.57	.481	.210	2.61	5.36	1.76	1.88	6.48	3.04	3.18	3.64	2.99	2.84

16 year mean — 2.19

LITTLE ANDROSCOGGIN RIVER NEAR SOUTH PARIS, MAINE
Mean Monthly Discharge in Second Feet per Square Mile
[Drainage Area, 75 Square Miles]

Year	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Mean for Year
1920-21	1.22	1.57	4.28	1.31	.815	7.03	4.89	1.73	.443	.388	.067	.065	2.00
1921-22	.300	.907	1.07	.419	.241	3.33	7.40	3.79	4.75	1.47	.728	.548	2.08
1922-23	.301	.311	.129	.813	.305	.581	8.27	3.19	.704	.144	.123	.066	1.24
1923-24	.328	.863	1.89	1.63	.695	1.28	6.09						

LITTLE ANDROSCOGGIN RIVER NEAR SOUTH PARIS, MAINE

Per Cent of Time Duration Table

[Drainage Area, 75 Square Miles]

Sec. ft. per sq. mi.	1920-21	1921-22	1922-23	Mean 10-year period ending Sept. 30, 1923
0.05	98.4	100.0	94.8	98.1
.1	85.5	98.9	81.6	93.9
.15	83.0	93.4	70.1	90.4
.2	81.9	89.9	65.5	87.8
.3	73.7	82.7	51.0	82.2
.4	69.9	72.3	38.9	74.5
.5	67.1	65.8	32.3	69.5
.6	66.8	59.2	30.7	67.2
.7	63.0	56.2	27.4	61.6
.8	59.7	53.2	26.6	57.3
.9	56.4	48.8	24.4	53.8
1.0	51.2	42.7	22.5	49.7
1.1	47.7	40.8	20.3	47.0
1.2	45.2	39.7	20.0	44.4
1.3	41.9	39.5	19.2	41.8
1.4	40.8	38.1	17.5	39.6
1.5	37.8	36.7	16.7	36.4
1.6	35.3	35.9	16.2	34.7
1.75	30.4	29.9	15.3	30.4
1.9	25.5	27.7	14.8	27.0
2.05	24.9	27.4	14.2	25.8
2.25	24.1	24.9	14.0	24.1
2.5	23.0	22.5	12.9	22.0
2.75	19.5	20.5	11.2	19.9
3.0	16.4	17.5	9.9	17.2
3.5	14.5	16.7	9.0	15.1
4.0	14.0	15.1	9.0	13.9
4.5	11.8	12.9	8.8	11.5
5.0	10.1	9.6	7.9	9.5
7.0	7.1	6.6	4.7	4.8
10.0	2.5	3.8	1.4	2.2
15.0	.8	1.4	.8	.8
20.0	.3	.3	.5	.3
25.0	.0	.0	.0	.0

Mean flow for period of duration table — 1.94 sec. ft. per sq. mi.

PRESUMPSCOT RIVER AT OUTLET OF SEBAGO LAKE, MAINE
Mean Monthly Discharge in Second Feet per Square Mile
[Drainage Area, 436 Square Miles]

Year	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Mean for Year
1920-21	1.59	1.61	1.57	1.59	1.65	1.44	2.57	1.63	1.35	1.17	1.20	1.19	1.54
1921-22	1.24	1.13	1.08	1.14	1.14	.876	.874	1.75	3.62	1.76	1.52	1.63	1.48
1922-23	1.73	1.65	1.46	1.46	1.52	1.50	1.15	1.14	1.19	1.24	1.17	1.18	1.36
1923-24	1.23	1.16	1.03	1.19	1.21	1.42	1.20	2.01	1.52	1.07	.995	1.20	1.27
1924-25	1.34	1.32	1.33	1.41	1.20	1.06	1.93	1.55	1.38	1.27	1.19	1.17	1.34
1925-26	1.22	1.13	1.18	1.50	1.58	1.57	1.19	1.18	1.28	1.05	1.13	1.09	1.25
1926-27	1.15	1.11	1.33	1.34	1.42	1.12	1.12	.846	.991	.892	1.08	1.06	1.12
1927-28	1.09	1.09	1.11	1.45	1.67	1.64	1.63	2.55	1.88	1.40	1.62	1.45	1.54
1928-29	1.58	1.66	1.63	1.72	1.75	1.58	1.63	2.29	1.69	1.50	1.42	1.52	1.66

PRESUMPCOT RIVER AT OUTLET OF SEBAGO LAKE, MAINE

Per Cent of Time Duration Table

[Drainage Area, 436 Square Miles]

Sec. ft. per sq. mi.	1920-21	1921-22	1922-23	1923-24	1924-25	1925-26	1926-27	1927-28	1928-29	Mean 42-year period ending Sept. 30, 1929
.05	99.2	99.7	99.5	99.7	99.2	98.9	96.7	99.2	99.7	97.7
.1	99.2	99.2	99.2	99.5	99.2	98.6	95.9	96.4	99.7	97.5
.15	98.6	98.9	99.2	98.9	98.2	98.9	93.4	94.0	95.4	97.3
.2	98.6	98.1	98.9	98.9	98.6	98.6	97.5	92.6	94.5	97.1
.3	97.8	95.3	97.5	95.6	97.0	94.2	87.9	92.6	98.9	96.0
.4	97.0	93.2	96.2	91.5	95.3	91.0	85.2	90.2	98.1	93.9
.5	92.1	91.5	92.9	89.3	93.4	88.8	83.6	87.7	97.0	92.2
.6	88.5	89.0	90.7	86.3	91.5	86.6	83.6	85.0	93.4	90.0
.7	86.6	87.7	88.2	83.9	87.9	84.1	82.5	83.1	90.7	87.8
.8	85.5	84.9	86.8	82.2	85.5	81.1	81.1	80.6	88.2	84.5
.9	84.9	82.5	84.9	81.7	83.8	79.7	79.5	79.0	84.4	82.7
1.0	84.1	76.2	83.6	77.3	81.6	78.4	72.3	78.7	83.6	79.5
1.1	81.9	74.8	83.0	75.4	78.9	77.0	67.1	76.8	83.6	77.1
1.2	78.4	68.2	79.5	71.6	75.1	73.2	59.5	76.2	83.6	73.3
1.3	72.3	43.0	69.9	58.7	69.0	65.8	41.6	73.8	83.3	64.4
1.4	63.6	34.0	51.5	33.9	59.7	47.7	30.4	66.4	82.7	57.8
1.5	62.7	31.2	43.8	22.4	36.4	26.8	21.1	60.9	79.7	50.8
1.6	53.4	27.1	33.7	18.0	18.4	19.5	6.0	57.9	70.7	39.6
1.75	40.3	16.7	12.1	12.6	8.8	7.7	.5	50.0	61.9	27.9
1.9	14.0	9.6	3.6	3.6	4.9	.3	.0	23.2	35.9	17.3
2.05	4.4	7.4	.8	1.6	2.2	.3	.0	7.1	4.4	11.2
2.25	4.4	6.3	.3	1.6	1.9	.3	.0	6.8	3.6	5.3
2.5	3.6	5.8	.0	1.6	1.6	.0	.0	6.3	2.7	2.6
2.75	3.3	5.5	.0	1.4	1.4	.0	.0	4.1	2.5	2.3
3.0	3.0	5.2	.0	1.1	1.1	.0	.0	4.1	1.9	2.1
3.5	2.2	5.2	.0	.8	.3	.0	.0	2.2	1.1	1.6
4.0	1.4	4.7	.0	.8	.0	.0	.0	1.4	.3	1.0
4.5	1.1	3.8	.0	.3	.0	.0	.0	.8	.3	.8
5.0	1.1	3.6	.0	.0	.0	.0	.0	.3	.0	.6
7.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.2
10.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
15.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

Mean flow for period of duration table — 1.48 sec. ft. per sq. mi.

SACO RIVER AT CORNISH, MAINE
Mean Monthly Discharge in Second Feet per Square Mile
[Drainage Area, 1300 Square Miles]

Year	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Mean for Year
1919-20	1.12	2.57	1.96	.992	.885	2.88	8.69	5.63	2.16	.900	.808	.725	2.44
1920-21	1.42	1.38	3.75	1.50	1.11	5.42	5.82	2.34	.815	.638	.462	.385	2.09
1921-22	.463	.923	1.46	.838	.785	2.78	7.68	4.70	4.69	3.16	.946	.777	2.44
1922-23	.688	.585	.434	.746	.558	.767	6.15	6.12	1.64	.740	.482	.395	1.62
1923-24	.548	1.17	3.20	1.84	1.20	1.28	5.45	6.42	1.85	.765	.564	1.49	2.15
1924-25	1.37	1.32	1.57	.854	2.28	3.70	6.00	2.45	.908	1.06	.985	.808	1.94
1925-26	1.00	2.77	2.63	1.25	1.20	1.15	3.70	5.16	1.88	.862	.590	.464	1.89
1926-27	.622	2.30	1.45	.962	.938	2.52	3.63	2.95	1.51	1.07	.946	1.13	1.67
1927-28	1.43	4.03	3.39	1.95	1.94	1.99	5.86	5.47	3.37	1.81	1.62	1.38	2.85
1928-29	.777	.846	.977	1.87	1.22	2.81	5.40	5.39	1.50	.862	.498	.478	1.89

SACO RIVER AT CORNISH, MAINE
Per Cent of Time Duration Table
[Drainage Area, 1300 Square Miles]

Sec. ft. per sq. mi.	1919-20	1920-21	1921-22	1922-23	1923-24	1924-25	1925-26	1926-27	1927-28	1928-29	Mean 13-year period ending Sept. 30, 1929
.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.2	100.0	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.3	100.0	99.2	99.5	99.5	98.9	100.0	100.0	100.0	100.0	100.0	99.7
.4	100.0	94.0	97.0	93.2	94.5	100.0	99.5	99.5	100.0	100.0	97.5
.5	99.7	83.8	94.5	76.4	91.5	100.0	91.2	95.9	100.0	100.0	88.8
.6	99.2	79.2	91.2	58.6	85.2	99.2	87.9	93.4	100.0	100.0	89.9
.7	92.9	77.0	83.0	43.0	79.0	92.1	83.0	92.9	99.5	99.5	83.8
.8	83.3	71.0	74.0	34.2	72.1	78.9	77.0	87.1	98.6	98.6	77.3
.9	74.3	65.2	60.5	29.6	69.7	65.2	74.0	79.5	98.4	98.4	65.5
1.0	62.8	61.9	56.4	27.4	67.2	55.3	70.7	74.0	97.8	97.8	59.2
1.1	55.2	58.6	52.3	25.2	57.7	50.4	61.6	51.5	96.4	96.4	57.6
1.2	51.1	52.9	49.3	23.0	54.4	46.3	50.1	43.8	95.1	95.1	52.2
1.3	46.2	45.2	47.9	21.6	51.6	42.5	44.9	40.0	91.8	91.8	45.8
1.4	43.4	41.4	46.6	20.8	45.9	40.5	42.2	36.4	88.5	88.5	41.1
1.5	42.9	39.7	43.8	20.5	42.6	39.5	40.0	34.8	86.3	86.3	37.5
1.6	41.3	37.5	40.3	20.3	40.7	38.1	37.8	34.8	83.7	83.7	34.0
1.75	39.9	34.2	38.6	20.0	38.0	35.6	33.7	32.9	78.1	78.1	32.1
1.9	38.0	30.1	37.3	19.2	36.1	33.4	31.2	31.5	66.9	66.9	30.4
2.05	35.8	28.5	35.9	17.3	33.3	31.5	27.7	24.1	55.2	55.2	28.7
2.25	32.2	25.8	33.4	15.9	27.9	29.3	24.1	20.5	47.0	47.0	26.8
2.5	28.4	23.8	31.5	14.5	25.1	27.7	21.6	19.2	41.8	41.8	24.7
2.75	26.2	22.2	30.1	14.0	23.5	24.9	20.5	17.8	38.3	38.3	23.0
3.0	22.4	21.1	27.9	13.7	22.1	21.6	17.8	17.8	35.5	35.5	21.4
3.5	20.2	19.7	23.8	12.6	17.8	15.3	12.1	7.1	33.9	33.9	20.8
4.0	18.0	17.5	21.1	11.2	16.4	9.0	10.1	4.1	26.8	26.8	21.7
4.5	16.9	16.7	19.2	10.4	14.5	5.8	7.7	3.0	22.1	22.1	18.4
5.0	15.6	13.4	16.4	9.6	12.0	4.7	5.5	1.6	18.3	18.3	16.4
7.0	8.5	4.1	6.8	5.5	6.0	2.7	4.1	1.6	13.7	13.7	14.5
10.0	1.6	.0	1.6	2.2	.0	1.1	.0	.0	4.1	4.1	10.7
15.0	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	1.4
20.0	.....	.....	.....	.0	.0	.0	.0	.0	.....	.....	.7
											.1
											.0

Mean flow for period of duration table — 2.09 sec. ft. per sq. mi.

SACO RIVER AT WEST BUXTON, MAINE
Mean Monthly Discharge in Second Feet per Square Mile
[Drainage Area, 1550 Square Miles]

Year	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Mean for Year
1920-21	1.54	1.46	3.15	1.28	1.07	5.72	5.95	2.41	.877	.671	.475	.397	2.09
1921-22	.457	.858	1.41	.813	.774	3.08	7.61	4.90	4.74	3.12	.929	.806	2.46
1922-23	.716	.612	.443	.813	.600	.903	6.58	6.40	1.52	.622	.492	.396	1.68
1923-24	.560	1.14	2.70	1.72	1.22	1.52	5.93	6.39	1.63	.774	.611	1.41	2.14
1924-25	1.30	1.14	1.47	.845	2.35	3.95	5.94	2.23	.942	1.01	1.02	.819	1.91
1925-26	.994	2.48	2.39	1.31	1.17	1.19	4.05	4.88	1.68	.832	.577	.489	1.84
1926-27	.620	2.28	1.43	.923	.948	2.87	3.43	2.70	1.40	1.01	.884	1.18	1.64
1927-28	1.37	3.68	3.30	1.92	1.89	1.94	5.35	4.90	2.98	1.59	1.43	1.21	2.63
1928-29	.748	.819	.968	1.70	1.21	2.79	4.33	4.14	1.43	.761	.508	.466	1.66

SACO RIVER AT WEST BUXTON, MAINE
Per Cent of Time Duration Table [Drainage Area, 1550 Square Miles]

Sec. ft. per sq. mi.	1920-21	1921-22	1922-23	1923-24	1924-25	1925-26	1926-27	1927-28	1928-29	Mean 18 years
0.05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.1	100.0	100.0	99.5	99.2	100.0	100.0	100.0	100.0	99.7	99.9
0.15	100.0	100.0	99.5	99.2	100.0	99.7	100.0	100.0	99.5	99.9
0.2	99.7	100.0	97.8	98.9	100.0	99.5	100.0	100.0	99.2	99.6
0.3	98.9	99.5	93.4	97.3	99.5	98.9	99.7	100.0	98.4	98.4
0.4	95.1	95.1	87.7	92.6	99.2	97.0	98.4	100.0	96.4	95.2
0.5	85.2	90.1	76.7	89.1	96.4	94.0	95.1	99.5	88.8	89.2
0.6	81.1	86.3	63.3	85.8	91.8	89.9	90.7	99.5	81.6	82.8
0.7	77.5	80.0	49.3	81.7	85.5	83.6	88.2	99.2	74.8	77.0
0.8	73.7	72.3	37.8	76.0	76.7	78.9	81.9	98.4	65.5	70.3
0.9	67.1	64.9	29.6	69.4	69.0	74.5	71.5	96.7	57.3	63.4
1.0	63.3	56.7	26.6	65.6	59.2	69.6	62.7	94.8	52.6	58.0
1.1	56.4	52.3	24.1	59.8	53.2	65.8	52.3	91.5	48.2	53.0
1.2	48.5	49.0	23.8	54.9	47.1	58.9	42.7	86.9	42.7	48.2
1.3	44.4	46.6	23.3	48.4	43.8	55.9	40.3	83.1	38.4	44.9
1.4	42.2	44.4	22.7	46.2	40.5	51.8	38.6	78.4	35.1	42.3
1.5	39.2	42.7	22.2	42.6	38.6	46.8	37.0	73.5	32.6	39.8
1.6	35.9	40.5	21.1	39.3	36.2	42.7	34.8	68.0	31.2	37.3
1.75	32.3	39.5	19.5	37.7	32.9	37.0	33.2	60.7	28.5	34.2
1.9	30.4	36.7	18.6	34.7	30.7	33.7	31.0	53.0	24.9	31.3
2.05	28.5	35.1	17.3	32.0	29.3	29.9	29.6	46.2	24.1	29.0
2.25	27.7	33.7	15.6	29.8	27.4	26.0	27.1	41.8	22.7	26.5
2.50	24.9	32.3	15.3	25.7	25.5	23.3	22.5	36.6	21.1	24.0
2.75	23.3	31.2	15.1	21.3	23.6	21.4	18.1	35.0	19.7	22.4
3.0	21.6	28.8	14.2	19.4	20.5	18.9	14.0	32.8	18.1	20.4
3.5	18.1	23.8	13.7	16.7	15.3	14.8	7.9	25.1	13.2	16.6
4.0	17.0	21.9	12.1	14.2	9.9	11.0	4.4	20.2	11.5	13.6
4.5	15.9	19.5	11.2	12.6	5.5	8.2	2.7	15.6	8.2	11.3
5.0	13.2	17.5	10.4	12.0	4.4	5.8	1.6	11.7	4.9	9.3
7.0	5.2	7.4	6.3	6.8	2.7	3.8	.0	1.4	.0	3.6
10.0	0.3	1.4	1.9	.0	1.6	.0	.0	.0	.0	.6
15.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0
20.0			.0							

Mean flow for period of duration table—1.96 sec. ft. per sq. mi.

OSSIPEE RIVER AT CORNISH, MAINE
Mean Monthly Discharge in Second Feet per Square Mile
[Drainage Area, 455 Square Miles]

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Mean for Year
1915-16										2.95	1.42	1.19	.....
1916-17	1.03	1.15	2.03	1.39	1.02	1.80	5.82	3.36	5.78	1.96	1.17	.930	2.29
1917-18	.884	.971	.670	.578	.563	1.37	4.20	2.17	1.08	.965	.978	1.30	1.31
1918-19	1.85	2.11	2.42	2.84	1.45	3.98	4.24	3.80	1.52	.925	.774	.868	2.24
1919-20	1.22	2.70	2.22	1.09	.903	3.65	8.42	4.77	1.89	.958	1.10	.811	2.48
1920-21	1.36	1.55	4.33	1.98	1.46	5.71	4.81	1.99	.927	.727	.492	.431	2.15
1921-22	.486	.800	1.42	.927	.824	3.14	7.25	4.46	4.59	2.66	.782	.811	2.35
1922-23	.730	.481	.422	.655	.525	.688	6.53	4.92	1.20	.760	.501	.393	1.48
1923-24	.578	1.13	3.10	2.01	1.34	1.39	6.51	4.66	1.19	.644	.736	.879	2.01
1924-25	.824	1.09	1.37	1.01	2.29	3.96	5.16	2.00	.697	.978	1.04	.886	1.77
1925-26	.846	2.16	2.18	1.52	1.45	1.29	4.22	4.00	1.17	.782	.745	.418	1.73
1926-27	.523	1.96	1.40	1.13	1.10	2.92	3.25	2.18	1.09	1.00	.998	.807	1.53
1927-28	.848	2.77	2.86	2.07	1.96	1.76	5.12	3.85	2.31	1.38	1.33	1.16	2.29
1928-29	.607	.765	.818	1.86	1.18	2.81	5.56	4.64	1.15	.857	.530	.534	1.78

OSSIPEE RIVER AT CORNISH, MAINE
 Per Cent of Time Duration Table [Drainage Area, 455 Square Miles]

Sec. ft. per sq. mi.	1916-17	1917-18	1918-19	1919-20	1920-21	1921-22	1922-23	1923-24	1924-25	1925-26	1926-27	1927-28	1928-29	Mean 15 yrs. ending 1929
0.05														100.0
.1														100.0
.15	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.2	100.0	100.0	100.0	100.0	98.6	100.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.3	100.0	100.0	100.0	100.0	98.1	100.0	97.0	97.8	100.0	98.9	100.0	100.0	100.0	99.7
.4	100.0	100.0	100.0	100.0	94.8	98.9	88.5	95.1	100.0	97.3	97.5	100.0	100.0	99.5
.5	100.0	100.0	99.7	99.5	86.6	94.5	72.3	89.6	97.3	91.2	91.2	100.0	100.0	99.4
.6	100.0	86.8	98.1	98.4	80.0	89.0	51.8	83.1	92.3	91.2	87.7	99.7	92.6	97.7
.7	99.5	77.0	93.2	97.5	79.7	85.8	42.7	79.0	88.2	84.7	84.4	98.4	98.4	93.4
.8	94.0	61.4	92.1	93.4	77.3	74.0	31.8	72.1	77.5	79.7	79.5	95.4	93.7	87.8
.9	86.6	44.9	88.2	79.0	73.7	62.7	25.5	67.5	67.4	70.7	74.2	93.7	57.5	69.9
1.0	79.5	37.5	77.0	68.0	67.7	54.0	22.5	60.7	58.7	65.5	63.6	91.8	50.4	63.6
1.1	69.9	27.4	71.0	59.6	62.7	51.0	20.5	55.5	46.6	57.5	51.5	87.4	43.0	57.5
1.2	61.4	26.6	68.2	54.9	60.3	47.4	19.7	51.4	42.2	55.3	45.5	80.3	38.1	46.6
1.3	55.3	23.8	67.1	51.1	58.6	45.2	19.7	47.0	38.9	53.7	42.7	73.2	32.3	43.0
1.4	47.4	21.4	63.8	49.2	55.1	43.0	18.4	42.9	35.9	46.3	37.8	69.4	31.2	38.9
1.5	41.9	20.8	60.3	45.1	49.0	41.1	17.5	39.9	32.6	32.3	32.3	62.6	29.6	35.9
1.6	40.8	18.9	57.0	42.6	45.8	40.3	17.0	38.8	31.2	26.8	30.7	61.5	28.2	32.6
1.75	37.8	18.1	50.4	40.2	39.5	38.4	16.4	34.7	28.5	24.7	29.3	53.6	26.8	28.2
1.9	33.2	16.4	47.4	38.8	34.5	34.8	15.1	29.2	26.8	19.7	24.9	47.8	26.0	26.8
2.05	31.8	16.2	41.9	36.9	27.9	33.2	14.8	26.2	26.6	17.5	22.2	41.5	25.2	24.9
2.25	30.7	13.7	39.2	34.2	25.2	32.3	14.2	25.4	25.8	15.3	21.1	38.5	22.2	22.2
2.5	26.8	13.4	34.0	30.9	23.3	30.7	13.7	22.1	23.0	13.7	16.4	30.9	19.7	20.8
2.75	24.4	12.6	24.7	26.5	22.5	29.0	13.4	20.8	20.0	13.4	13.4	27.0	18.9	19.7
3.0	21.6	10.7	22.2	23.8	21.4	25.8	12.3	18.3	15.6	12.6	11.0	20.2	18.1	18.9
3.5	19.2	8.5	15.6	19.9	18.9	20.0	11.2	15.6	10.7	10.7	6.6	15.8	17.3	16.4
4.0	17.5	5.5	13.7	18.3	16.2	19.2	10.7	15.0	6.0	8.5	4.1	13.9	16.2	15.6
4.5	16.2	2.5	7.1	14.2	11.8	17.3	9.9	13.4	4.1	6.0	1.6	9.0	14.2	14.2
5.0	11.8	.8	5.2	12.8	11.2	15.3	9.3	10.1	3.8	5.2	1.1	4.9	11.8	9.9
7.0	3.8	.0	2.2	9.3	6.0	7.1	5.8	4.9	2.2	3.8	.0	1.4	3.7	7.9
10.0	1.1	.0	.3	1.4	.0	1.6	1.4	.0	1.4	.5	.0	.0	.0	3.7
15.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
														.0

Mean flow for period of duration table — 1.95 sec. ft. per sq. mi.

**REPORT OF THE CHIEF INSPECTOR FOR THE FISCAL
YEARS ENDED JUNE 30, 1929-1930**

To the Public Utilities Commission,
Hon. Albert J. Stearns, Chairman,
Augusta, Maine.

Gentlemen:

The work of the Inspection Department for the two years ended June 30, 1930, has been carried on by the Chief Inspector and one assistant. An inspection has been made of all railroads both steam and electric. This inspection includes roadbed, rails, ties, station yards, frogs, guard rails and passenger equipment. In addition to the inspections made by this department, preliminary investigations have been made of complaints and accidents. Many of the complaints investigated were adjusted, obviating the necessity of a public hearing by the Commission. The number of persons killed at grade crossings in this state in the year ended June 30, 1929, was nine, while in the year ended June 30, 1930, seventeen persons were killed. Reports of inspections and investigations of this department are on file in the office. Tables of all accidents have been compiled and are appended to this report.

Respectfully submitted,
ELMER E. PARKMAN,
Chief Inspector.

ACCIDENTS

Accidents on Steam Railroads for the Year Ending June 30, 1929

STEAM RAILROADS	Passengers		Employees		Other Persons		Total	
	Killed	In-jured	Killed	In-jured	Killed	In-jured	Killed	In-jured
Bangor & Aroostook R. R. Co.....			1	26	1	1	2	27
Boston & Maine Railroad.....	2		3	12			3	14
Canadian Pacific Railway Co.....				3				3
Canadian National Railway.....	2		1	1			1	3
Maine Central Railroad Co.....	2		4	23	3		7	25
Portland Terminal Company.....					2		2	
Totals.....		6	9	65	6	1	15	72

Accidents on Steam Railroads for the Year Ending June 30, 1930

STEAM RAILROADS	Passengers		Employees		Other Persons		Total	
	Killed	In-jured	Killed	In-jured	Killed	In-jured	Killed	In-jured
Bangor & Aroostook R.R. Co.....			4	26	1	3	5	29
Boston & Maine Railroad.....		4		8				12
Canadian Pacific Railway Co.....				5		1		6
Canadian National Railways.....			2	2	1		3	2
Maine Central Railroad Co.....	1	1	2	36	2		5	37
Portland Terminal Co.....			2	14		1	2	15
Totals.....	1	5	10	91	4	5	15	101

ACCIDENTS

Accidents on Street Railways for the Year Ending June 30, 1929

STREET RAILWAYS	Passengers		Employees		Other Persons		Total	
	Killed	In-jured	Killed	In-jured	Killed	In-jured	Killed	In-jured
Androscoggin Electric Co.		1			1	1	1	2
Androscoggin & Kennebec Ry. Co.					1		1	
Bangor Hydro-Electric Co.					1		1	
Cumberland County Pr. & Lt. Co.					1		1	
Totals.....		1			4	1	4	2

Accidents on Street Railways for the Year Ending June 30, 1930

STREET RAILWAYS	Passengers		Employees		Other Persons		Total	
	Killed	In-jured	Killed	In-jured	Killed	In-jured	Killed	In-jured
Androscoggin Electric Co.					1		1	
Bangor Hydro-Electric Co.						1		1
Waterville Fairfield & Oakland Street Railway.					1		1	
Totals.....					2	1	2	1

ACCIDENTS

Accidents on Electric Power Companies for the Year Ending June 30, 1929

ELECTRIC POWER COMPANIES	Employees		Trespassers		Other Persons		Total	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Androscoggin Electric Co.	1						1	
Bangor Hydro-Electric Co.	1						1	
Central Maine Power Co.	1						1	
Fort Fairfield Lt. & Pr. Co.					1		1	
Totals.....	3				1		4	

Accidents on Electric Power Companies for the Year Ending June 30, 1930

ELECTRIC POWER COMPANIES	Employees		Trespassers		Other Persons		Total	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Androscoggin Electric Co.	1		1				2	
Berwick & Salmon Falls Electric Company	1						1	
Bangor Hydro-Electric Co.	2						2	
Central Maine Power Co.	3		1				4	
Cumberland County Power and Light Company	1						1	
Madison Electric Works.					1		1	
Totals.....	8		2		1		11	

ACCIDENTS

Accidents on Telephone and Telegraph Companies for the Year Ending
June 30, 1929

TELEPHONE AND TELEGRAPH COMPANIES	Employees		Trespassers		Other Persons		Total	
	Killed	In- jured	Killed	In- jured	Killed	In- jured	Killed	In- jured
Aroostook Tel. & Tel. Co.....		10						10
Eastern Tel. & Tel. Co.....		2						2
Maine Tel. & Tel. Co.....		3						3
Moosehead Tel. & Tel. Co.....		4						4
New England Tel. & Tel. Co.....		14				1		15
Totals.....		33				1		34

Accidents on Telephone and Telegraph Companies for the Year Ending
June 30, 1930

TELEPHONE AND TELEGRAPH COMPANIES	Employees		Trespassers		Other Persons		Total	
	Killed	In- jured	Killed	In- jured	Killed	In- jured	Killed	In- jured
Aroostook Tel. & Tel. Co.....		6						6
New Eng. Tel. & Tel. Co.....		4				1		5
Totals.....		10				1		11

ACCIDENTS

There have been accidents in our State where 32 persons were killed and 124 were injured, for the fiscal year ending June 30, 1929, and a preliminary investigation was made by the Inspection Department, testimony taken and a report made to the Commission on all the fatal accidents.

Accidents at Grade Crossings for the Year Ending June 30, 1929

STEAM AND ELECTRIC RAILROAD COMPANIES	Protected		Unprotected		Total	
	Killed	Injured	Killed	Injured	Killed	Injured
Bangor & Aroostook R. R. Co.	2		2	3	4	3
Canadian Pacific Railway				1		1
Maine Central Railroad Co.			5	10	5	10
Sandy River & Rangeley Lakes R. R.				2		2
Total Grade Crossing Accidents	2		7	16	9	16
SUMMARY OTHER ACCIDENTS						
Other Steam Railroad Accidents					15	72
Other Street Railway Accidents					4	2
Other Elec. Power Co's Accidents					4	
Other Tel. & Tel. Co.'s Accidents						34
Total Accidents					23	108
Grand Total Accidents					32	124

ACCIDENTS

There have been accidents in our State where 45 persons were killed and 136 were injured for the fiscal year ending June 30, 1930, and a preliminary investigation was made by the Inspection Department, testimony taken and a report made to the Commission on all the fatal accidents.

Accidents at Grade Crossings for the Year Ending June 30, 1930

STEAM AND ELECTRIC RAILROAD COMPANIES	Protected		Unprotected		Private		Total	
	Killed	In- jured	Killed	In- jured	Killed	In- jured	Killed	In- jured
Bangor & Aroostook R. R. Co.			1	4			1	4
Boston & Maine Railroad.....	1		2	4			3	4
Maine Central Railroad Co.....	5	1	3	9	4	1	12	11
Canadian National Railways.....		1						1
Androscoggin Electric Co.....	1	1		1			1	2
Androscoggin & Kennebec Ry....						1		1
Total Accidents.....	7	3	6	18	4	2	17	23
SUMMARY OTHER ACCIDENTS								
Other Steam Railroad Accidents..							15	101
Other Street Railway Accidents ..							2	1
Other Electric Power Co. Accidents							11	.....
Other Tel. & Tel. Co's Accidents..								11
Total Accidents.....							28	113
Grand Total Accidents ..							45	136

REPORT OF THE CHIEF ACCOUNTANT FOR THE TWO YEARS ENDED JUNE 30, 1930.

The Public Utilities Commission

Augusta, Maine

Gentlemen:

As in the past the work of the Accounting Division has been carried on by the Chief Accountant and one assistant.

Mr. George A. Colburn, for fourteen years a loyal and efficient member of the Accounting Staff, resigned in April, 1929. The position has been ably filled by Mr. Charles E. Bickford of Augusta, Maine.

The annual returns from all utilities reporting to this Commission have been checked and are now in the files of the department. The usual amount of assistance has been rendered the smaller utilities in connection with their accounting problems.

Operating and financial statistics of utilities have been prepared and made a part of this report.

The extent of the service rendered by the Electric, Water and Telephone utilities is indicated by the number of customers reported for 1929 for these respective classes of service: Electric customers, about 175,766; Water customers, 117,980; Telephone subscriber stations, 132,777. These figures represent the number of persons applying for service and consequently are much less than the total population of the various communities served. The returns show a considerable gain in the number of such consumers over the previous year. During the period covered by this report, in two instances, there has been consolidation of several utilities into one operating company.

The former Gould Electric Company, Milo Electric Company, Easton Electric Company, Katahdin Electric Company, Fort Kent Electric Company, Sherman Electric Company, Cyr Electric Company, Prestile Electric Company, Stockholm Electric Company, Ashland Electric Company, Westfield Electric Company and Maplegrove Electric Company have been consolidated and form the Maine Public Service Company. This new company serves Aroostook County and portions of Piscataquis and Penobscot counties. The control of this utility through stock ownership is held by the Maine Public Utility Company of Chicago, Ill.

The Maine Consolidated Power Company was formed by consolidating the Franklin Light and Power Company, Franklin Power Company, Wilton Light Company, Strong Lighting and Improvement Company and the Farmington Power Company. These properties were operated for several years by the

Franklin Light and Power Company serving in Franklin and Somerset counties. Expert engineering assistance was secured, the property carefully inventoried, from which, and other reliable data, a conservative restatement of plant investment was set up on the books. On this new investment basis, authority was given for securities with which to refund the underlying bonds of the constituent companies, stock of the new company being issued for the balance of the restated investment figure. The Maine Consolidated Power Company is independent, the control being held locally.

The electric utilities show the largest increase in investment during the past two calendar years.

At December 31, 1927, the investment as carried on the books of the Electric Companies operating in the State was \$71,938,000. The corresponding total at December 30, 1929, was \$89,178,900.

Of the major construction projects affecting this increase, the largest is the Central Maine Power Company development at Bingham.

The total number of electric utilities has been reduced by the consolidation of the twelve companies forming the Maine Public Service Company, while four additional utilities have been added to the list.

A water district serving the town of Gray has been formed since the date of the last report and is now in operation.

During the two years ended June 30, 1930, the Commission has authorized securities of a total par value \$19,873,156.00 distributed among the various classes of utilities as follows:

Utilities	Stock	Bonds	Notes
Electric	\$5,158,200	\$9,188,000	\$1,327,266
Water	33,700	3,318,500	
Gas	225,000	405,000	
Other Utilities	42,490	175,000	
	<u>\$5,459,390</u>	<u>\$13,086,500</u>	<u>\$1,327,266</u>

These securities were issued for the following purposes:

For addition and construction of property	\$11,763,999
For purchase of properties	393,805
For refunding and retirement of Securities	7,596,602
For stock dividends	118,750
	<u>\$19,873,156</u>

In connection with these security issues, records of property expenditures and retirements have been examined in order to ascertain whether the net amount added to fixed capital was in accord with the total of securities requested and that such

expenditures were proper subjects for capitalization under the rules and regulations of the Commission.

A schedule, giving a description of the total securities authorized for each utility, is appended to this report.

That a number of the smaller utilities, especially in the field of telephone and water service are mere associations or individuals, rendering service to but few customers in their own immediate neighborhood, is a fact well known to the Commission. In many instances, either from lack of or inability to keep adequate records, it is difficult for those in charge of such plants to formulate a financial report that is of any material value.

In view of this situation, it is suggested that the Commission consider the possibility of making provision in the law for exemption from filing returns in such cases as circumstances warrant.

In addition to the cooperation of this department in connection with the various cases before the Commission a large amount of routine work has been disposed of that does not readily lend itself to a detailed description.

Respectfully submitted,

ALBERT E. LAMB;

Chief Accountant.

SECURITIES AUTHORIZED JULY 1, 1928 TO JUNE 30, 1930

NAME OF UTILITY	PURPOSE OF ISSUE	Stocks	Bonds	Notes	%	Description
Andover Power Company	Capital Expenditures	\$18,000				Common
Andover Water Company	Refunding		\$10,000		5	Common
Atlantic Motor Express	Capital Expenditures	24,200				Common
Bangor Hydro-Electric Company	Refunding	1,203,200				Common
" " " "	Capital Expenditures	307,900				Preferred
" " " "	Refunding		921,000		6	Common
" " " "	Refunding		812,000		5	Common
Bay View Steamboat Company	Purchase of Property	2,500				Common
" " " "	" " " "	1,000				Preferred
Biddeford and Saco Water Company	Capital Expenditures		121,000		5	Common
Brunswick & Topsham Water Dist.	" " " "		56,000		4 1/2	Common
Caribou Water, Light & Power Co.	" " " "		5,000			Common
" " " "	Refunding		150,000		6	Common
Casco Bay Light & Water Co.	Capital Expenditures	75,000				Preferred
Central Maine Power Company	Capital Expenditures	1,556,000				Preferred
" " " "	Refunding	1,311,000				Preferred
" " " "	Capital Expenditures		5,750,000		5	Common
Cornish Water Company	" " " "	15,900				Common
Cumberland County Power & Light Co.	" " " "		250,000		4 1/2	Common
" " " "	" " " "		1,000,000		5	Common
Dennistown Power Company	Purchase of Property	84,000				Common
Dexter & Piscataquis Railroad Co.	Refunding		175,000		4	Common
Farmers Electric Company	Capital Expenditures	11,000				Preferred
Franklin Farmers Cooperative Tel. Co.	" " " "	5,735				Common
" " " "	Purchase of Property	1,305				Common
Frontier Water Company	Capital Expenditures		20,000		5 1/2	Common
" " " "	Refunding		30,000		5 1/2	Common
Fryeburg Water Company	Stock Dividend	16,000				Common
Gray Water District	Capital Expenditures		40,000		4 1/2	Common
Hampden & Newburg Light & Power Co.	" " " "	4,000				Preferred
" " " "	" " " "	6,000				Common
Houlton Water Company	Refunding		85,000		5	Common
Lewiston Gas Light Company	Capital Expenditures		155,000		4 1/2	Common
Livermore Falls Water District	Refunding		100,000		4 1/4	Common

PUBLIC UTILITIES COMMISSION REPORT

SECURITIES AUTHORIZED JULY 1, 1928 TO JUNE 30, 1930 (Continued)

NAME OF UTILITY	PURPOSE OF ISSUE	Stocks	Bonds	Notes	%	Description
Maine Public Service Company	Exchange of Stock	\$320,300				Common
" " " "	Capital Expenditures			\$635,214	6	
" " " "	Refunding			692,052	6	
Maine Consolidated Power Co.	Refunding		300,000		5	
" " " "	Exchange of Stock	68,000				Common
" " " "	" " "	50,000				Preferred
Mexico Water District	Purchase of Property		80,000		5	
Milo Water Company	Capital Expenditures		71,000		5	
" " " "	Refunding		50,000		5	
Newport Water Company	" " "		60,000		5	
" " " "	Capital Expenditures		10,000		5	
New Sharon & Norridgewock Tel. Co.	" " "	5,000				Common
Old Town Water District	" " "		103,000		4 1/2	
Oquossoc Light & Power Company	" " "	33,750				Common
" " " "	Exchange of Stock	5,050				Common
Portland Gas Light Company	Purchase of Property	225,000				Common
" " " "	Capital Expenditures		250,000		5	
Portland Water District	" " "		300,000		4	
" " " "	Refunding		2,100,000		4	
Rumford Falls Light & Water Co.	Stock Dividend	100,000				Common
South Paris Village Corporation	Refunding		30,000		4 1/2	
Stratton Light Company	Capital Expenditures	5,000				Common
Van Buren Water District	" " "		7,500		6	
The Van Telephone Company	Stock Dividend	2,750				Common
Wiscasset Water Company	Capital Expenditures	1,800				Common
Vinalhaven Water Company	Refunding		45,000		5	
Totals		\$5,459,390	\$13,086,500	\$1,327,266		

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Appendix

TABULATED STATEMENTS

COMPILED FROM THE

Reports of
Electric Companies

FOR THE

Year Ended December 31, 1928

SCHEDULE NO. 1

Statement of Assets, Electric Utilities, Year Ended December 31, 1928

NAME OF COMPANY	Fixed capital	Other fixed capital	Total fixed capital	Current assets	Misc. assets	Unadjusted debits	Total assets
Androscoggin Electric Co.	\$5,931,107.50	\$1,353,830.19	\$7,284,937.69	\$297,980.66	\$2,095.38	\$119,146.97	\$7,704,160.70
Armstrong, Stillman	20,011.30		20,011.30	1,242.20			21,253.50
Ashland Electric Light & Power Co.	59,584.09		59,584.09	3,169.86			62,753.95
Bangor Hydro-Electric Co.	13,318,425.94	69,754.12	13,388,180.06	1,057,755.60	84,120.06	73,916.67	14,603,972.39
Berwick & Salmon Falls Electric Co., The	517,337.27		517,337.27	10,891.16	750.01	24,454.54	553,432.98
Bridgewater Electric Co.	8,186.09		8,186.09	2,324.54			10,510.63
Calais Street Railway	149,000.00		149,000.00	2,435.81		455.85	151,891.66
Caribou Water, Light & Power Co.	367,897.64	200,442.60	568,340.24	67,226.85	1,170.00	17,025.42	653,762.51
Carrabassett Light & Power Co.	21,014.29		21,014.29	3,975.34			24,989.63
Casco Bay Light & Water Co.	242,356.93	343,153.69	585,510.62	18,008.29	9,248.21	16,871.40	629,638.52
Central Maine Power Co.	31,437,147.21	2,024,736.16	33,461,883.37	3,981,635.48	2,527,473.24	2,501,348.89	42,472,340.98
Clark Power Co.	203,509.52		203,509.52	11,122.65			214,632.17
Colby Light & Power Co.	11,378.37		11,378.37	1,513.69			12,892.06
Consumers Electric Co.	15,536.74		15,536.74	310.50			15,847.24
Cornish & Kezar Falls Light & Power Co.	146,546.14		146,546.14	9,855.33	492.65		156,894.12
Crawford Electric Co., The	17,072.45		17,072.45	2,238.07			19,310.52
Cumberland County Power & Light Co.	16,706,442.27	199,479.03	16,905,921.30	1,135,084.62	948,106.58	1,547,152.96	20,536,265.46
Danforth Electric Co. (Leased Lines)				5,211.80			8,148.70
Dennistown Power Co.	75,354.37		75,354.37	15,006.38			90,360.75
Easton Electric Co.	14,262.26		14,262.26	6,501.79	42.70	315.36	21,122.11
Farmers Electric Co.	25,711.61		25,711.61	1,045.36			26,756.97
Farmington Falls Electric Co.	40,670.04		40,670.04	5,695.00	182.48		46,547.52
Fort Fairfield Light & Power Co.	109,002.83		109,002.83	25,187.62			134,190.45
Fort Kent Electric Co.	217,833.76		217,833.76	47,436.56	759.74	4,320.62	270,350.68
Franklin Light & Power Co.	710,596.53		710,596.53	52,779.78		723,800.00	1,487,176.31
Gould Electric Co.	1,172,158.65		1,172,158.65	137,347.72	3,471.20	2,527.30	1,315,504.87
Hampden, Newburg Light & Power Co.	27,283.36		27,283.36	1,384.87			28,668.23
Houlton Water Co. (Electric Dept.)	148,908.49		148,908.49	42,742.95	16,263.14		207,914.58
Katahdin Electric Co.	219,789.50		219,789.50	31,386.92	267.34	362.49	251,806.25
Kennebunk Electric Light Dept.	122,141.36		122,141.36	13,222.85	25.00	3,500.00	138,889.21
Kittery Electric Light Co.	108,291.91		108,291.91				108,291.91
Limestone Electric Co.	38,125.33		38,125.33	4,733.11			42,858.44
Livermore Falls Light & Power Co.	186,530.76		186,530.76	19,154.41	3,372.00		209,057.17
Lubec, Town of, (Electric Dept.)	99,009.25		99,009.25	554.97			99,564.22
Madison Village Corp. (Electric Works Dept.) ..	138,065.59		138,065.59	25,578.50	286.67		163,930.76
Mallison Power Co.	323,871.05		323,871.05	13,749.32	36,368.91	2,202.27	376,191.55

SCHEDULE NO. 1—Continued

Statement of Liabilities, Electric Utilities, Year Ended December 31, 1928.

NAME OF COMPANY	Capital stock	Long term debt	Current liabilities	Accrued liabilities	Unadjusted credits.	Surplus	Total liabilities
Androscoggin Electric Co.....	\$2,000,000.00	\$4,646,500.00	\$186,571.05	\$121,276.91	\$511,122.08	\$238,690.66	\$7,704,160.70
Armstrong, Stillman.....	*19,058.35				2,195.15		21,253.50
Ashland Electric Light & Power Co.....	20,000.00	†23,944.02	9,549.75	143.80	8,897.28	219.10	62,753.95
Bangor Hydro-Electric Co.....	8,566,643.99	4,393,000.00	148,336.01	84,713.05	677,716.29	733,563.05	14,603,972.39
Berwick & Salmon Falls Electric Co., The.....	244,250.00	225,000.00	28,306.55	7,008.21	18,402.77	30,465.45	553,432.98
Bridgewater Electric Co.....	5,600.00				1,668.42	3,242.21	10,510.63
Calais Street Railway.....	100,000.00	100,000.00	281,597.13	358.50	18,289.46	†348,353.43	151,891.66
Caribou Water, Light & Power Co.....	50,300.00	155,000.00	221,284.65	4,850.75	140,426.97	81,900.14	653,762.51
Carrabassett Light & Power Co.....	10,000.00		3,520.00		4,183.53	7,286.10	24,989.63
Casco Bay Light & Water Co.....	275,000.00	214,500.00	67,283.97	3,286.64	33,135.95	36,431.96	629,638.52
Central Maine Power Co.....	18,326,633.44	17,406,500.00	3,867,875.85	352,601.72	1,313,304.29	1,205,425.68	42,472,340.98
Clark Power Co.....	10,000.00		169,352.85		37,347.67	†2,068.35	214,632.17
Colby Light & Power Co.....	2,600.00		2,422.09		585.01	7,284.96	12,892.06
Consumers Electric Co.....	13,025.00		300.00			2,522.24	15,847.24
Cornish & Kezar Falls Light & Power Co.....	50,000.00		25,139.20		24,444.62	57,310.30	156,894.12
Crawford Electric Co., The.....	11,000.00				1,857.72	6,452.80	19,310.52
Cumberland County Power & Light Co.....	6,949,400.00	8,909,000.00	852,737.24	260,558.78	1,340,004.87	2,224,564.57	20,536,265.46
Danforth Electric Co. (Leased Lines).....	600.00		635.60		6,913.10	8,148.70	13,687.00
Dennistown Power Co.....	*27,629.03		2,110.40		17,802.67	42,818.65	90,360.75
Easton Electric Co.....	5,006.00	†1,559.35	4,712.00		4,315.43	5,535.33	21,122.11
Farmers Electric Co.....	17,900.00		8,147.15			709.82	26,756.97
Farmington Falls Electric Co.....	21,200.00		22,263.32		6,609.24	†3,525.04	46,547.52
Fort Fairfield Light & Power Co.....	21,000.00		25,484.35		51,549.95	36,156.15	134,190.45
Fort Kent Electric Co.....	59,900.00	† 47,807.11	114,153.94	598.08	27,655.20	236.35	270,350.68
Franklin Light & Power Co.....	933,800.00	280,700.00	159,097.69	15,780.81	124,140.88	†26,343.07	1,487,176.31
Gould Electric Co.....	400,000.00	334,501.00	43,710.37	4,843.71	270,597.24	261,852.55	1,315,504.87
Hampden, Newburg Light & Power Co.....	20,275.00		7,620.20			773.03	28,668.23
Houlton Water Co. (Electric Dept.).....			3,511.96		56,634.02	147,768.60	207,914.58
Katahdin Electric Co.....	58,000.00	†97,498.22	89,432.59	558.63	4,320.96	1,995.85	251,806.25
Kennebunk Electric Light Dept.....			12,045.61			126,843.60	138,889.21
Kittery Electric Light Co.....	75,000.00		33,523.48			†231.57	108,291.91
Limestone Electric Co.....		†30,342.09			8,861.73	3,654.62	42,858.44
Livermore Falls Light & Power Co.....	80,000.00	50,000.00	5,438.36	1,603.69	52,345.50	19,669.62	209,057.17
Lubec, Town of, (Electric Dept.).....		†26,891.16	10,000.00		21,143.21	41,529.85	99,564.22
Madison Village Corp. (Electric Works Dept.).....			1,474.74		27,669.13	134,786.89	163,930.76
Mallison Power Co.....	99,900.00	125,000.00	606.67	3,970.20	23,490.78	123,223.90	376,191.55

SCHEDULE NO. 1—Continued
Statement of Assets, Electric Utilities, Year Ended December 31, 1928.

NAME OF COMPANY	Fixed capital	Other fixed capital	Total fixed capital	Current assets	Misc. assets	Unadjusted debits	Total assets
Maple Grove Electric Co.	\$9,114.86		\$9,114.86	\$876.16			\$9,991.02
Mapleton Electric Co.	23,685.11		23,685.11	4,887.14			28,572.25
Mars Hill Electric Co.	27,092.35		27,092.35	14,819.95	\$4,460.46		46,372.76
Milo Electric Light & Power Co.	593,948.28		593,948.28	75,158.32	1,694.53	\$4,499.78	675,300.91
Monson Light & Power Co., The	8,731.82		8,731.82	1,129.82		2,743.93	12,605.57
Monticello Electric Co.	6,670.10		6,670.10	2,792.91	1,000.00		10,463.01
Mount Vernon Light & Power, The	9,806.60		9,806.60	571.79	126.28		10,504.67
New Sweden Light & Power Co.	24,513.79		24,513.79	3,567.38			28,081.17
Oquossoc Light & Power Co.	104,387.60		104,387.60	10,002.63		577.93	114,968.16
Penobscot Power Co.	908,614.48		908,614.48	13,360.52	3,200.82	2,172.91	927,348.73
Phillips Electric Light & Power Co.	20,988.68		20,988.68	5,143.34			26,132.02
Prestile Electric Co.	7,799.55		7,799.55	860.48			8,660.03
Rumceton Electric Light Dept.	30,509.54		30,509.54	840.63			31,350.17
Rumford Falls Light & Water Co.	346,341.19		346,341.19	104,846.98	1,514.33	750.00	453,452.50
Sherman Electric Co.	13,272.92		13,272.92	1,806.46			14,579.38
Shore Line Electric Co., The	173,460.17		173,460.17	6,519.12	43.66		180,022.95
Squirrel Island Village Corp.	3,271.79		3,271.79				3,271.79
St. Croix Gas Light Co.	280,709.63		280,709.63	56,967.85	1,400.00	1,215.08	340,292.56
Stockholm Light & Power Co.	15,688.46		15,688.46	1,818.04			17,506.50
Stonington & Deer Isle Power Co.	44,274.26		44,274.26	5,292.33		1,500.00	51,066.59
Stratton Light Co.	31,063.28		31,063.28	4,145.78			35,209.06
Turner Light & Power Co.	75,946.85		75,946.85	11,688.28	168.22	700.00	88,503.31
Van Buren Light & Power Dept.	52,804.13		52,804.13	14,501.93	17,908.56		85,214.62
Vinalhaven Light & Power Co.	88,110.56		88,110.56	13,976.43	631.81	780.00	103,498.80
Washburn Electric Co.	48,243.75		48,243.75	14,249.53	307.20	3,000.97	65,801.45
Waterford Light & Power Co., Inc.	12,949.63		12,949.63	257.11			13,206.74
Westfield Electric Co.	12,986.15	4,386.18	17,352.33	2,222.83			19,575.16
Woodland Light & Water Co.	19,262.26	93,522.14	112,784.40	4,583.41	18,315.00		135,682.81
Totals	\$75,944,388.19	\$4,289,304.11	\$80,233,692.30	\$7,431,877.67	\$3,688,203.08	\$5,055,341.34	\$96,409,114.39

SCHEDULE NO. 1—Concluded
Statement of Liabilities, Electric Utilities, Year Ended December 31, 1928

NAME OF COMPANY.	Capital stock	Long term debt	Current liabilities	Accrued liabilities	Unadjusted credits	Surplus	Total liabilities
Maple Grove Electric Co.....	\$5,000.00	‡\$859.33	\$1,600.00		\$18.62	\$2,513.07	\$9,991.02
Mapleton Electric Co.....	5,000.00	‡4,779.24	11,004.00		7,579.96	209.05	28,572.25
Mars Hill Electric Co.....	10,000.00		159.68		7,548.92	28,664.16	46,372.76
Milo Electric Light & Power Co.....	151,000.00	‡323.28	490,005.69	1,259.37	32,491.63	220.94	675,300.91
Monson Light & Power Co., The.....	10,000.00				6,029.38	‡3,423.81	12,605.57
Monticello Electric Co.....	2,950.00				3,087.18	4,425.83	10,463.01
Mount Vernon Light & Power Co., The.....	4,650.00		1,091.80		1,094.85	3,668.02	10,504.67
New Sweden Light & Power Co.....	11,400.00		4,365.78		2,427.77	9,887.62	28,081.17
Oquosoc Light & Power Co.....	40,700.00	19,500.00		300.01	34,649.45	19,818.70	114,968.16
Penobscot Power Co.....	300,000.00		566,743.61		56,463.27	4,141.85	927,348.73
Phillips Electric Light & Power Co.....	4,175.00	4,000.00	342.43		8,130.23	9,484.36	26,132.02
Prestile Electric Co.....	3,100.00	‡2,366.63	3,100.00			93.40	8,660.03
Princeton Electric Light Dept.....	*15,786.28		9,600.00		1,904.39	4,059.50	31,350.17
Rumford Falls Light & Water Co.....	300,000.00		18,291.97	5,471.23	114,621.77	15,067.53	453,452.50
Sherman Electric Co.....	6,200.00	‡5,010.87	3,257.00		20.24	91.27	14,579.38
Shore Line Electric Co., The.....	61,600.00		104,801.10	748.87	9,718.68	3,154.30	180,022.95
Squirrel Island Village Corp.....						3,271.79	3,271.79
St. Croix Gas Light Co.....	199,800.00		39,709.39		16,616.65	‡4,166.52	340,292.56
Stockholm Light & Power Co.....	6,600.00	‡10,195.60	676.65		28.56	5.69	17,506.50
Stonington & Deer Isle Power Co.....	9,800.00		32,911.90		5,159.32	3,195.37	51,066.59
Stratton Light Co.....	12,300.00		5,234.82		1,666.98	8,007.26	35,209.06
Turner Light & Power Co.....	19,200.00	8,000.00	47,899.34	2,688.95	18,961.80	‡25,246.78	88,503.31
Van Buren Light & Power Dept.....		25,000.00	2,538.02	583.31	7,025.00	40,068.29	85,214.62
Vinalhaven Light & Power Co.....	41,950.00	15,000.00	643.96		19,083.73	26,821.11	103,498.80
Washburn Electric Co.....	1,400.00		17,582.94		14,365.91	32,452.60	65,801.45
Waterford Light & Power Co., Inc.....	7,150.00		11.21		2,247.79	3,797.74	13,206.74
Westfield Electric Co.....	10,000.00	‡1,101.16	27.00		5,035.20	3,411.80	19,575.16
Woodland Light & Water Co.....	102,600.00		1,265.81		32,279.29	‡462.29	135,682.81
Totals.....	\$39,816,076.09	\$37,198,879.06	\$7,771,108.87	\$873,205.22	\$5,258,974.59	\$5,490,870.56	\$96,409,114.39

*Proprietor's Account

‡Debit Balance

‡Advances from Affiliated Companies

PUBLIC UTILITIES COMMISSION REPORT

SCHEDULE NO. 2

Statement of the Income Account of Electric Utilities, Year Ended December 31, 1928.

NAME OF COMPANY	Operating revenues	Operating expenses	Taxes	Net revenue from operations	Net revenue from other operations	Non-operating income	Gross income	Deductions from gross income	Net income
Androscoggin Electric Co.....	\$855,965.02	\$297,214.02	\$55,913.55	\$502,837.45	*\$2,212.02	\$3,115.19	\$503,740.62	\$267,579.62	\$236,161.00
Armstrong, Stillman.....	7,921.41	7,031.40		890.01			890.01		890.01
Ashland Electric Light & Power Co.	10,731.19	6,129.43	506.58	4,095.18		536.95	4,632.13	20	4,631.93
Bangor Hydro-Electric Co.....	1,453,708.84	517,208.96	126,588.02	809,911.86	96,370.14	115,456.95	1,021,738.95	333,053.85	688,685.10
Berwick & Salmon Falls El. Co., The	86,629.29	37,068.01	7,788.58	41,772.70		66.24	41,838.94	15,689.77	26,149.17
Bridgewater Electric Co.....	2,986.50	1,820.30	55.40	1,110.80		46.82	1,157.62		1,157.62
Calais Street Railway.....	12,885.64	680.48	1,200.00	11,005.16	*8,718.78		2,286.38	25,719.65	*23,433.27
Caribou Water Light & Power Co..	72,060.93	34,279.63	2,816.85	34,964.45	12,967.50	7,285.49	55,217.44	25,014.21	30,203.23
Carrabassett Light & Power Co....	8,039.34	6,637.94	315.00	1,086.40		300.00	1,386.40	150.00	1,236.40
Casco Bay Light & Water Co.....	42,983.07	18,010.54	235.80	24,736.73	6,790.91	734.36	32,262.00	15,957.12	16,304.88
Central Maine Power Co.....	3,697,937.37	1,284,933.99	343,180.35	2,069,823.03	62,011.37	382,289.15	2,514,123.55	886,820.40	1,627,303.15
Clark Power Co.....	24,394.55	19,821.12	1,450.64	3,122.79		549.93	3,672.72	6,464.65	*2,791.93
Colby Light & Power Co.....	2,913.15	2,852.84	92.00	*31.69		9.41	*22.28	9.41	*31.69
Consumers Electric Co.....	3,451.45	2,398.41	328.00	725.04		1.40	726.44		726.44
Cornish & Kezar Falls L. & Pr. Co.	20,376.82	14,521.98		5,854.84		1,107.71	6,962.55	1,308.12	5,654.43
Crawford Electric Co., The.....	3,188.52	2,297.65		890.87		166.69	1,057.56		1,057.56
Cumberland County Pr. & L. Co....	2,740,776.34	1,074,500.07	268,228.59	1,398,047.68	248,102.23	76,523.34	1,722,673.25	847,476.82	875,196.43
Danforth El. Co. (Leased Lines)...	9,403.01	7,369.62	129.96	1,903.43		3.34	1,906.77	1,327.17	579.60
Dennistown Power Co.....	13,505.14	8,885.07	634.58	3,985.49		979.10	4,964.59		4,964.59
Easton Electric Co.....	7,511.70	5,367.61	122.50	2,021.59		14.50	2,036.09		2,036.09
Farmers Electric Co.....	2,908.85	1,394.88	99.00	1,414.97			1,414.97	478.69	936.28
Farmington Falls Electric Co.....	8,919.97	8,120.36	243.58	556.03			556.03	957.38	*401.35
Fort Fairfield Light & Power Co....	48,401.60	48,723.35	1,306.30	*1,628.05		6,103.28	4,475.23	1,368.12	3,107.11
Fort Kent Electric Co.....	51,208.28	31,316.31	2,728.86	17,163.11		3,348.06	20,511.17	5,289.90	15,221.27
Franklin Light & Power Co.....	122,657.72	87,175.65	2,911.11	32,570.96		2,924.36	35,495.32	21,120.64	14,374.68
Gould Electric Co.....	257,386.56	150,024.00	5,264.51	102,098.05		19,870.36	121,968.41	1,578.79	120,389.62
Hampten, Newburg L. & Pr. Co....	4,537.39	1,779.28	20.90	2,737.21			2,737.21	457.25	2,279.96
Houlton Water Co., (El. Dept.)...	101,632.17	84,836.28		16,795.89		2,829.07	19,624.96		19,624.96
Katahdin Electric Co.....	40,397.72	22,995.50	3,036.63	14,365.59		*74.33	14,291.26	3,744.59	10,546.67
Kennebunk Electric Light Dept....	33,445.70	30,528.74		2,916.96		415.62	3,332.58	64.41	3,268.17
Kittery Electric Light Co.....						5,250.00	5,250.00		5,250.00
Limestone Electric Co.....	17,933.61	16,545.88	554.93	832.80			832.80	360.00	472.80
Livermore Falls Light & Power Co..	56,798.06	42,415.40	2,160.52	12,222.14		817.34	13,039.48	3,853.69	9,185.79
Lubec, Town of, (Electric Dept.)...	17,814.91	11,142.32		6,672.59		212.53	6,885.12		6,885.12

SCHEDULE NO. 2—Concluded

Statement of Income Account of Electric Utilities, Year Ended December 31, 1928.

NAME OF COMPANY	Operating revenues	Operating expenses	Taxes	Net revenue from operations	Net revenue from other operations	Non-operating income	Gross income	Deductions from gross income	Net income
Madison Village Corp. (Electric Works Dept.)	\$37,874.83	\$27,884.48	\$621.99	\$9,368.36		\$4,149.75	\$13,518.11	\$519.84	\$12,998.27
Mallison Power Co.	46,518.49	24,434.29	5,442.15	16,642.05		174.15	16,816.20	15,207.77	1,608.43
Maple Grove Electric Co.	3,714.36	2,521.61	135.00	1,057.75	\$33.00	7.98	1,098.73		1,098.73
Mapleton Electric Co.	7,864.89	5,483.02	220.03	2,161.84		*109.27	2,052.57	171.28	1,881.29
Mars Hill Electric Co.	18,458.93	15,818.47	341.00	2,299.46		616.95	2,916.41	171.54	2,744.87
Milo Electric Light & Power Co.	71,264.86	25,445.99	7,530.66	38,288.21		622.71	38,910.92	24,938.89	13,972.03
Monson Light & Power Co., The	7,332.06	5,425.47		1,906.59			1,906.59	1,661.65	244.94
Monticello Electric Co.	3,572.15	2,526.03	75.60	970.52		11.94	982.46		982.46
Mount Vernon Light & Power Co.	3,961.93	3,503.88	175.31	282.74			282.74		282.74
New Sweden Light & Power Co.	3,637.59	3,504.97	155.00	*22.38					*23.43
Oquosoc Light & Power Co.	26,762.78	17,011.72		9,751.06		32.34	9,783.40	33.39	9,750.01
Penobscot Power Co.	143,971.40	40,936.31	12,896.88	90,138.21		1,626.35	11,377.41	1,344.46	10,032.95
Phillips Electric Light & Power Co.	9,191.10	7,666.77	294.00	1,230.33		504.70	90,642.91	30,279.79	60,363.12
Prestile Electric Co.	2,171.27	1,590.04	101.00	480.23		464.37	1,694.70	240.00	1,454.70
Princeton Electric Light Dept.	5,619.14	3,676.39		1,942.75		2.38	482.61		482.61
Rumford Falls Light & Water Co.	180,178.96	135,565.67	4,333.60	40,279.69		1,942.75	1,942.75	505.00	1,437.75
Sherman Electric Co.	4,041.83	3,460.17	254.25	327.41		4,796.98	45,076.67	5,672.12	39,404.55
Shore Line Electric Co., The	32,110.53	22,911.13	1,100.00	8,099.40		448.34	775.75		775.75
Squirrel Island Village Corp.	2,871.51	1,221.84		1,649.67		450.75	8,550.15	6,000.36	2,549.79
St. Croix Gas Light Co.	48,196.21	35,713.66	3,653.23	8,829.32			1,649.67	1,586.00	63.67
Stockholm Light & Power Co.	6,226.36	6,502.71	53.80	*330.15			10,570.66	60.85	10,509.81
Stonington & Deer Isle Power Co.	13,055.02	10,836.92	411.42	1,806.68		4.90	*325.25		*325.25
Stratton Light Co.	5,201.53	4,343.36	176.60	681.57		1,935.67	3,742.35	1,528.73	2,213.62
Turner Light & Power Co.	17,344.33	9,381.13	865.60	7,097.60		385.71	1,067.28	541.33	525.95
Van Buren Light & Power Dept.	25,763.50	22,047.45		3,716.05		388.87	7,486.47	4,425.92	3,060.55
Vinalhaven Light & Power Co.	39,588.81	30,175.04	983.00	8,430.77		707.68	4,423.73	1,750.00	2,673.73
Washburn Electric Co.	19,953.88	19,416.45	570.89	*33.46		1,173.03	9,603.80	1,881.46	7,722.34
Waterford Light & Power Co., Inc.	4,270.38	3,816.85	145.30	308.23		1,924.57	1,891.11	1,183.96	707.15
Westfield Electric Co.	4,265.53	3,010.85	279.81	974.87		*37.91	280.32		280.32
Woodland Light & Water Co.	12,869.51	8,651.93	179.43	4,038.15		554.93	1,630.67		1,630.67
						*3,309.05	830.82	1,059.92	1,059.92
Totals	\$10,649,265.49	\$4,390,511.62	\$868,908.29	\$5,389,845.58	\$412,090.23	\$653,848.83	\$6,455,784.64	\$2,565,548.79	\$3,890,235.85

*Loss

SCHEDULE NO. 3

Statement of the Operating Revenues of Electric Utilities, Year Ended December 31, 1928.

NAME OF COMPANY	Lighting revenues	Power revenues	Street lighting	Municipal lighting	Municipal power	Current sold other utilities	Misc. revenues	Total operating revenues
Androscoggin Electric Co.	\$548,111.21	\$224,348.05	\$15,822.88	\$6,949.56	\$7,462.35	\$53,270.97		\$855,965.02
Armstrong, Stillman	6,938.31	210.00	1,073.10					7,921.41
Ashland Electric Light & Power Co.	9,358.53	686.03	686.63					10,731.19
Bangor Hydro-Electric Co.	893,145.41	442,487.40	71,213.89	9,046.08	2,774.58	17,204.16	17,837.32	1,453,708.84
Berwick & Salmon Falls Electric Co., The	36,215.60	14,731.01	6,587.68			27,485.17	1,609.83	86,629.29
Bridgewater Electric Co.	2,596.00	121.70	268.80					2,986.50
Calais Street Railway		9,896.53		300.00		2,689.11		12,885.64
Caribou Water, Light & Power Co.	45,343.26	11,779.37	3,175.59	1,586.29	500.66	9,675.76		72,060.93
Carrabassett Light & Power Co.	5,570.86	1,440.44	350.04	18.00	60.00			8,039.34
Casco Bay Light & Water Co.	22,140.51		20,840.23				2.35	42,983.07
Central Maine Power Co.	1,633,480.38	1,575,234.55	179,728.70	24,043.51	24,828.70	260,621.50		3,697,937.37
Clark Power Co.	8,387.42	14,875.13	1,132.00					24,394.55
Colby Light & Power Co.	2,331.03	582.12						2,913.15
Consumers Electric Co.	2,151.87	499.58	800.00					3,451.45
Cornish & Kezar Falls L. & Pr. Co.	11,640.90	7,595.47	1,140.45					20,376.82
Crawford Electric Co., The	2,829.52	105.00	254.00					3,188.52
Cumberland County Power & Light Co.	1,647,013.43	707,479.87	198,315.67	21,454.73	9,424.11	38,107.12	118,981.41	2,740,776.34
Danforth Electric Co. (Leased Lines)	5,510.30	1,095.21	1,200.00	130.90		1,466.60		9,403.01
Dennistown Power Co.	10,395.24	1,566.54	1,543.36					13,505.14
Easton Electric Co.	6,164.95	673.54	506.50				166.71	7,511.70
Farmers Electric Co.	2,719.66	189.19						2,908.85
Farmington Falls Electric Co.	4,413.58	432.40	781.20	90.50		2,990.03	212.26	8,919.97
Fort Fairfield Light & Power Co.	36,778.15	7,944.14	2,610.77	1,068.54				48,401.60
Fort Kent Electric Co.	40,858.77	6,230.34	2,594.90			739.05	785.22	51,208.28
Franklin Light & Power Co.	61,290.26	48,128.35	7,643.71			5,595.40		122,657.72
Gould Electric Co.	60,814.86	19,724.65	2,231.07			173,337.69	1,278.29	257,386.56
Hampden, Newburg Light & Power Co.	4,537.39							4,537.39
Houlton Water Co. (Electric Dept.)	66,066.53	31,035.30	3,544.17	986.17				101,632.17
Katahdin Electric Co.	22,951.59	11,498.72	2,773.50			2,273.40	800.51	40,397.72
Kennebunk Electric Light Dept.	20,377.66	8,148.24	4,586.28	243.42	90.10			33,445.70
Limestone Electric Co.	13,667.11	3,314.77	540.00	217.69	194.04			17,933.61
Livermore Falls Light & Power Co.	38,233.37	13,200.74	5,341.95				22.00	56,798.06
Lube, Town of (Electric Dept.)	13,247.10	2,167.81				2,400.00		17,814.91
Madison Village Corp. (El. Wks. Dept.)	26,425.16	7,615.18	3,465.84	368.65				37,874.83
Mallison Power Co.	8,706.96	36,794.13	1,017.40					46,518.49

SCHEDULE NO. 3—Concluded

Statement of Operating Revenues of Electric Utilities, Year Ended December 31, 1928.

NAME OF COMPANY	Lighting revenues	Power revenues	Street lighting	Municipal lighting	Municipal power	Current sold other utilities	Misc. revenues	Total operating revenues
Maple Grove Electric Co.....	\$3,409.07	\$218.16					\$87.13	\$3,714.36
Mapleton Electric Co.....	6,982.41	962.39	\$247.56				*327.47	7,864.89
Mars Hill Electric Co.....	12,792.38	4,341.75	1,324.80					18,458.93
Milo Electric Light & Power Co.....	39,961.39	27,081.39	3,432.53			22.50	767.05	71,264.86
Monson Light & Power Co., The.....	6,836.96		420.00	75.10				7,332.06
Monticello Electric Co.....	3,267.45		275.00	29.70				3,572.15
Mount Vernon Lt. & Pr. Co., The.....	3,371.61	335.78	254.54					3,961.93
New Sweden Light & Power Co.....	3,218.69	418.90						3,637.59
Oquossoc Light & Power Co.....	20,949.81	3,146.17	2,666.80					26,762.78
Penobscot Power Co.....	695.20	126,327.49	689.26			16,259.45		143,971.40
Phillips Electric Light & Power Co.....	7,537.25	572.49	1,081.36					9,191.10
Prestile Electric Co.....	1,786.44	125.67	216.00				43.16	2,171.27
Princeton Electric Light Dept.....	3,569.14		2,000.00				50.00	5,619.14
Rumford Falls Light & Water Co.....	125,822.32	38,241.76	12,728.93	3,106.92	279.03			180,178.96
Sherman Electric Co.....	3,424.31	328.72	225.13				63.67	4,041.83
Shore Line Electric Co., The.....	22,529.34	6,977.70	2,575.44	28.05				32,110.53
Squirrel Island Village Corp.....	2,871.51							2,871.51
St. Croix Gas Light Co.....	42,552.05	1,578.03	4,066.13					48,196.21
Stockholm Light & Power Co.....	3,053.97	2,808.16	312.60				51.63	6,226.36
Stonington & Deer Isle Power Co.....	7,297.21	3,859.67	1,819.96	78.18				13,055.02
Stratton Light Co.....	4,165.00	551.75	466.07		18.71			5,201.53
Turner Light & Power Co.....	12,246.37	4,497.96	600.00					17,344.33
Van Buren Light & Power Dept.....	16,304.82	3,996.23	1,436.65	219.38		2,888.62	917.80	25,763.50
Vinathaven Light & Power Co.....	17,311.53	20,197.28	2,080.00					39,588.81
Washburn Electric Co.....	14,507.65	4,061.19	1,385.04					19,953.88
Waterford Lt. & Power Co., Inc.....	3,887.88	82.50	300.00					4,270.38
Westfield Electric Co.....	3,577.40	444.09	150.00				94.04	4,265.53
Woodland Light & Water Co.....	10,508.72		1,890.00	470.79				12,869.51
Totals.....	\$5,724,550.76	\$3,463,086.73	\$585,014.12	\$70,512.16	\$45,632.28	\$617,026.53	\$143,442.91	\$10,649,265.49

*Loss

PUBLIC UTILITIES COMMISSION REPORT

SCHEDULE NO. 4

Statement of the Operating Expenses of Electric Utilities, Year Ended December 31, 1928.

NAME OF COMPANY	Steam power operation	Steam power maintenance	Hydraulic power operation	Hydraulic power maintenance	Gas power operation	Gas power maintenance	Transmission operation	Transmission maintenance
Androscoggin Electric Co.....	\$1,391.64	\$1,365.43	\$130,082.86	\$3,495.09			\$461.75	\$4,117.16
Armstrong, Stillman.....					\$5,300.00			
Ashland Elec. Light & Power Co.....			3,739.47	277.17				
Bangor Hydro Electric Co.....			55,063.36	13,524.41			6,630.70	8,379.54
Berwick & Salmon Falls Elec. Co., The			10,775.77	2,238.42			29.10	808.71
Bridgewater Electric Co.....			1,324.65					
Calais Street Railway.....			55.96	145.74				
Caribou Water Light & Power Co.....			6,912.12	3,594.75	297.56			
Carrabassett Light & Power Co.....			2,234.52					
Casco Bay Light & Water Co.....					8,762.31	749.20		62.26
Central Maine Power Co.....	6,764.57	1,100.75	148,176.08	57,671.48			22,906.01	75,029.97
Clark Power Co.....			4,605.21	1,321.36				
Colby Light & Power Co.....			2,051.96					
Consumers Electric Co.....			1,220.00					1.04
Cornish & Kezar Falls Lt. & Pr. Co.....			6,459.40	414.36				
Crawford Electric Co., The.....	377.63							240.02
Cumberland County P. & L. Co.....	65,987.63	14,393.35	94,010.41	14,641.50			18,917.12	7,539.97
Danforth Elec. Co. (Leased Lines).....	2,058.39		1,909.50	156.71				
Dennistown Power Co.....			1,669.33	452.23				54.25
Easton Electric Co.....			3,575.74					
Farmers Electric Co.....			1,089.36					
Farmington Falls Electric Co.....			4,105.41	112.81			60.38	40.73
Fort Fairfield Light & Power Co.....			23,698.41					
Fort Kent Electric Co.....			18,389.94				1,177.67	95.29
Franklin Light & Power Co.....			33,617.58	1,924.39				2,559.84
Gould Electric Co.....			115,998.46				2,752.41	1,742.08
Hampden, Newburg Lt. & Pr. Co.....			1,030.98					
Houlton Water Co. (Electric Dept.).....	54,861.48							
Katahdin Electric Co.....			13,431.12	31.43			870.71	417.25
Kennebunk Electric Light Dept.....	44.55	189.50	16,293.47	1,232.05				
Kittery Electric Light Co.....								
Limestone Electric Co.....	8,005.81							
Livermore Falls Light & Power Co.....			12,923.20					622.72
Lubec, Town of Electric Dept.....			3,942.25	842.11				1,039.40
Madison Village Corp. Elec. Wks. Dept.....			9,805.55	479.49			224.94	594.29
Mallison Power Co.....			16,490.35	50.68				1,565.36

SCHEDULE NO. 4—Continued

Operating Expenses

NAME OF COMPANY	Distribution operation	Distribution maintenance	Utilization operation	Utilization maintenance	Commercial expense	New business	General administration	Total operating expenses
Androscoggin Electric Co.....	\$10,531.50	\$11,730.50	\$4,922.91	\$907.23	\$38,181.14	\$3,512.28	\$84,514.53	\$295,214.02
Armstrong, Stillman.....		432.00					1,299.40	7,031.40
Ashland Electric L. & P. Co.....	735.40			.40	503.00	13.27	799.56	6,068.27
Bangor Hydro Electric Co.....	45,617.21	35,488.87	15,104.63	3,002.37	73,214.39	32,090.06	227,053.42	515,168.96
Berwick & Salmon Falls Elec. Co., The	892.14	4,089.21	553.32	266.45	2,032.94	544.22	14,484.73	36,713.01
Bridgewater Electric Co.....		134.12	3.75		310.96		46.82	1,820.30
Calais Street Railway.....	52.93	4.00			130.09	5.43	286.33	680.48
Caribou Water, Light & Power Co.....	1,076.36	2,080.16	367.97	2.60	2,838.10	196.61	15,132.49	32,498.72
Carrabassett Light & Power Co.....	580.60	50.00	25.00	75.00			3,396.98	6,387.94
Casco Bay Light & Water Co.....	48.24	491.47	149.25	182.34	1,009.95	45.00	6,510.52	18,010.54
Central Maine Power Co.....	54,106.98	120,964.53	25,095.95	9,014.00	206,947.21	21,481.26	525,075.20	1,274,333.99
Clark Power Co.....	573.01	5,253.29	245.08			34.96	7,788.21	19,821.12
Colby Light & Power Co.....	13.10	180.74			32.37		574.67	2,852.84
Consumers Electric Co.....		370.26	36.50				770.61	2,398.41
Cornish & Kezar Falls Lt. & Pr. Co.....	879.58	1,140.27	201.15		263.81	21.50	5,141.91	14,521.98
Crawford Electric Co., The.....		50.00			125.00		1,505.00	2,297.65
Cumberland County P. & L. Co.....	91,973.57	128,746.84	54,929.76	10,727.55	111,037.90	23,156.65	427,655.49	1,063,717.74
Danforth Electric Co. (Leased Lines)	33.53	638.45			2,190.93	7.82	353.64	7,348.97
Dennistown Power Co.....		85.77	86.16			6.00	6,531.33	8,885.07
Easton Electric Co.....	186.78	41.98	49.29	5.48	383.30	19.32	1,068.16	5,330.05
Farmers Electric Co.....	6.00	111.80			67.72		120.00	1,394.88
Farmington Falls Electric Co.....	289.02	273.49	73.11		162.77	70.74	2,931.90	8,120.36
Fort Fairfield Light & Power Co.....	374.19	2,335.68	158.41		3,094.41	497.62	18,449.08	48,607.80
Fort Kent Electric Co.....	1,122.35	227.75	72.66	44.70	3,647.01	361.10	5,777.93	30,916.40
Franklin Light & Power Co.....	3,353.09	2,636.77	407.51	466.40	1,570.00	310.57	40,032.44	86,878.59
Gould Electric Co.....	1,351.54	881.39	366.56	72.32	5,398.18	1,015.77	18,964.58	148,543.29
Hampden, Newburg L. & P. Co.....	278.90						469.40	1,779.28
Houlton Water Co. (Electric Dept.).....	4,895.13	1,561.55	842.85	142.69	6,344.13	261.08	15,162.03	84,070.94
Katahdin Electric Co.....	1,189.73	192.09	70.58	63.48	2,556.48	203.22	3,717.44	22,743.53
Kennebunk Electric Light Dept.....	45.27	2,030.03	698.40	1,638.93	2,944.94		5,331.46	30,448.60
Kittery Electric Light Co.....								
Limestone Electric Co.....	356.95	797.56			2,454.07		4,606.68	16,221.07
Livermore Falls Light & Power Co.....	2,248.87	3,938.08	566.48	573.23	7,575.55	79.14	13,640.48	42,167.75
Lubeck, Town of (Electric Dept.).....			155.08		450.00		4,713.48	11,142.32
Madison Village Corp. Elec. Wks. Dept.	4,201.42	1,441.52	362.78	154.42	3,844.35	139.39	6,565.70	27,813.85
Mallison Power Co.....			192.44				6,103.82	24,402.65

PUBLIC UTILITIES COMMISSION REPORT 135

SCHEDULE NO. 4—Continued

Statement of the Operating Expenses of Electric Utilities, Year Ended December 31, 1929

NAME OF COMPANY	Steam power operation	Steam power maintenance	Hydraulic power operation	Hydraulic power maintenance	Gas power operation	Gas power maintenance	Transmission operation	Transmission maintenance
Maple Grove Electric Co.....			\$1,721.93					
Mapleton Electric Co.....			3,322.83				\$11.00	\$33.82
Mars Hill Electric Co.....			8,859.11					
Milo Electric Light & Power Co..			6,944.64	\$618.44			1,021.80	92.96
Monson Light & Power Co., The..			1,796.80					
Monticello Electric Co.....			1,464.40					
Mount Vernon L. & P. Co., The..			2,322.15					2.66
New Sweden Light & Power Co....			2,365.47					
Oquossoc Light & Power Co.....			2,881.38	195.24			672.35	657.67
Penobscot Power Co.....			13,185.98	2,548.02				3,056.56
Phillips Electric Light & Power Co.			5,178.06		\$141.41			298.20
Prestile Electric Co.....			797.40					
Princeton Electric Light Dept..					2,941.25			
Rumford Falls Light & Water Co..	\$37,978.64						6,173.89	206.36
Sherman Electric Co.....			2,273.40					
Shore Line Electric Co., The..			8,377.98					
Squirrel Island Village Corp....			971.68					
St. Croix Gas Light Co.....			13,236.13	349.18				
Stockholm Light & Power Co....			4,934.33					
Stonington & Deer Isle Power Co..			4,283.45		212.34	\$265.79		155.85
Stratton Light Co.....			1,598.88	478.09				191.72
Turner Light & Power Co.....			4,635.99					
Van Buren Light & Power Dept....			16,639.15					
Vinalhaven Light & Power Co....	19,685.43	\$532.37			498.35			
Washburn Electric Co.....			8,857.68					168.30
Waterford Light & Power Co., Inc.	1,771.67							
Westfield Electric Co.....			1,824.48					
Woodland Light & Water Co.....	5,559.00							
Totals.....	\$204,486.44	\$17,581.40	\$863,155.72	\$106,795.15	\$18,153.22	\$1,014.99	\$61,909.83	\$109,771.98

SCHEDULE NO. 4—Concluded

Operating Expenses

NAME OF COMPANY	Distribution operation	Distribution maintenance	Utilization operation	Utilization maintenance	Commercial expense	New business	General administration	Total operating expenses
Maple Grove Electric Co.....	\$68.86	\$16.79	\$2.24		\$250.03		\$443.14	\$2,502.99
Mapleton Electric Co.....	70.23	49.33		.95	541.09	\$9.52	1,228.37	5,267.14
Mars Hill Electric Co.....	435.58	322.77	133.69		1,708.78	13.95	4,344.59	15,818.47
Milo Electric Light & Power Co.....	1,610.29	864.46	534.41	114.58	4,138.40	848.04	8,173.54	24,961.56
Monson Light & Power Co., The	2,356.16						1,272.51	5,425.47
Monticello Electric Co.....		391.25	53.80		382.90		233.68	2,526.03
Mount Vernon L. & P. Co., The.	16.09	97.48	22.52		331.92	67.89	643.17	3,503.88
New Sweden Light & Power Co.....	44.22	167.83			1.20		926.25	3,504.97
Oquosoc Light & Power Co.....	121.78	1,637.63		151.25	411.10	125.00	10,158.32	17,011.72
Penobscot Power Co.....							22,145.75	40,936.31
Phillips Electric Light & Power Co.		120.18					1,928.92	7,666.77
Prestile Electric Co.....	55.52	7.53	17.73		261.22		431.69	1,571.09
Princeton Electric Light Dept.		90.00	181.12		184.92		279.10	3,676.39
Rumford Falls Light & Water Co.	12,838.44	1,250.15	3,626.35	112.78	14,809.17	1,473.01	56,355.06	134,823.85
Sherman Electric Co.....	113.45	17.82	4.15		432.92		598.19	3,439.93
Shore Line Electric Co., The.	887.45	1,671.76	358.38	67.68	1,531.31	22.39	9,934.18	22,851.13
Squirrel Island Village Corp.....		250.16						1,221.84
St. Croix Gas Light Co.....	2,680.63	1,388.56	368.78	155.46	6,752.83	2,680.14	8,101.95	35,713.66
Stockholm Light & Power Co.....	350.11	5.50		1.20	305.01		7,121.33	6,474.15
Stonington & Deer Isle Power Co.			78.96			17.50	5,813.11	10,827.00
Stratton Light Co.....		403.16					1,671.51	4,343.36
Turner Light & Power Co.....	182.65	617.46	13.50				3,911.53	9,361.13
Van Buren Light & Power Dept.....	1,438.12						3,970.18	22,047.45
Vinalhaven Light & Power Co.....	85.11	476.51	184.54		1,250.40	137.40	7,324.93	30,175.04
Washburn Electric Co.....	1,238.25	179.35	137.68		1,121.55	85.72	7,412.17	19,200.70
Waterford Light & Power Co., Inc.		1,125.10					920.08	3,816.85
Westfield Electric Co.....	108.25	25.75	13.27	2.04	300.38		736.68	3,010.85
Woodland Light & Water Co.....		860.33	225.09				1,981.75	8,626.17
Totals.....	\$251,714.58	\$340,437.03	\$111,693.79	\$27,945.53	\$514,025.83	\$89,700.74	\$1,638,272.44	\$4,356,658.67

SCHEDULE NO. 5

Capitalization, Indebtedness, Gross Income and disposition of Gross Income of Electric Companies for Year
 Ended December 31, 1928.

NAME OF COMPANY	Capital stock	Long term debt	Other interest-bearing debt	Gross income	Interest deductions	Other deductions prior to distribution to stockholders	Net income	Dividends declared
Androscoggin Electric Co.....	\$2,000,000.00	\$4,646,500.00		\$503,740.62	\$230,141.21	\$37,438.41	\$236,161.00	\$238,372.68
Armstrong, Stillman.....	*19,058.35			890.01			890.01	890.01
Ashland Electric Light & Power Co.....	20,000.00	23,944.02		4,632.13	20		4,631.93	9,500.00
Bangor Hydro-Electric Co.....	8,566,643.99	4,393,600.00		1,021,738.95	249,846.09	83,207.76	688,685.10	478,216.03
Berwick & Salmon Falls El. Co., The.....	244,250.00	225,000.00	\$25,000.00	41,838.94	12,301.52	3,388.25	26,149.17	19,540.00
Bridgewater Electric Co.....	5,600.00			1,157.62			1,157.62	700.00
Calais Street Railway.....	100,000.00	100,000.00		2,286.38	4,166.66	21,552.99	123,433.27	
Caribou Water, Light & Power Co.....	50,300.00	155,000.00	192,248.24	55,217.44	20,014.46	4,999.75	30,203.23	1,509.00
Carrabassett Light & Power Co.....	10,000.00		3,500.00	1,386.40	150.00		1,236.40	1,000.00
Casco Bay Light & Water Co.....	275,000.00	214,500.00	60,850.12	32,262.00	14,477.28	1,479.84	16,304.88	3,000.00
Central Maine Power Co.....	18,326,632.44	17,406,500.00	3,375,000.00	2,514,123.55	743,243.15	143,577.25	1,627,303.15	1,315,385.21
Clark Power Co.....	10,000.00		168,500.00	3,672.72	6,000.00	464.65	12,791.93	
Colby Light & Power Co.....	2,600.00		830.61	122.28			131.69	
Consumers Electric Co.....	13,025.00			726.44			726.44	561.72
Cornish & Kezar Falls Lt. & Pr. Co.....	50,000.00		25,000.00	6,962.55	1,308.12		5,654.43	
Crawford Electric Co., The.....	11,000.00			1,057.56			1,057.56	660.00
Sumnerland County Power & Light Co.....	6,949,400.00	8,909,000.00	509,330.04	1,722,673.25	403,963.02	443,513.80	875,196.43	679,416.00
Danforth Electric Co. (Leased Lines)	600.00			1,906.77		1,327.17	579.60	
Dennistown Power Co.....	*27,629.03			4,964.59			4,964.59	
Easton Electric Co.....	5,000.00	1,559.35		2,036.09			2,036.09	4,700.00
Farmers Electric Co.....	17,900.00		8,000.00	1,414.97	478.69		936.28	
Farmington Falls Electric Co.....	21,200.00		18,000.00	556.03	957.38		1,401.35	
Fort Fairfield Light & Power Co.....	21,000.00		18,500.00	4,475.23	963.67	404.45	3,107.11	2,100.00
Fort Kent Electric Co.....	59,900.00	47,807.11	88,165.00	20,511.17	5,289.90		15,221.27	7,000.00
Franklin Light & Power Co.....	933,800.00	280,700.00	113,605.56	35,495.32	20,955.57	165.07	14,374.68	
Gould Electric Co.....	400,000.00	334,501.00	38,000.00	121,968.41	1,578.79		120,389.62	
Hampden, Newburg Light & Power Co.....	20,275.00		6,800.00	2,737.21	457.25		2,279.96	1,187.40
Houlton Water Co. (Electric Dept.).....				19,624.96			19,624.96	
Katahdin Electric Co.....	58,000.00	97,498.22	62,358.00	14,291.26	3,744.59		10,546.67	18,500.00
Kennebunk Electric Light Dept.....			5,000.00	3,332.58	64.41		3,268.17	
Kittery Electric Light Co.....	75,000.00			5,250.00			5,250.00	5,250.00
Limestone Electric Co.....		30,342.09		832.80	360.00		472.80	

SCHEDULE NO. 5—Concluded
Capitalization, Indebtedness, Gross Income and Disposition of Gross Income of Electric Companies for Year Ended
December 31, 1928.

NAME OF COMPANY	Capital stock	Long term debt	Other interest-bearing debt	Gross income	Interest deductions	Other deductions prior to distribution to stockholders	Net income	Dividends declared
Livermore Falls Light & Power Co.	\$80,000.00	\$50,000.00		\$13,039.48	\$3,000.00	\$853.69	\$9,185.79	\$7,200.00
Lubec, Town of (Electric Dept.)		26,891.16		6,885.12			6,885.12	
Madison Village Corp. (El. W. Dept.)				13,518.11	312.87	206.97	12,998.27	
Mallison Power Co.	99,900.00	125,000.00		16,816.20	7,500.00	7,707.77	1,608.43	
Maple Grove Electric Co.	5,000.00	859.33		1,098.73			1,098.73	1,600.00
Mapleton Electric Co.	5,000.00	4,779.24		2,052.57	171.28		1,881.29	1,000.00
Mars Hill Electric Co.	10,000.00			2,916.41		171.54	2,744.87	1,200.00
Milo Electric Light & Power Co.	151,000.00	323.28	\$415,648.20	38,910.92	24,938.89		13,972.03	22,750.00
Monson Light & Power Co., The	10,000.00			1,906.59		1,661.65	244.94	
Monticello Electric Co.	2,950.00			982.46			982.46	472.00
Mount Vernon Light & Power Co., The	4,650.00			282.74			282.74	
Oquossoc Light & Power Co.	11,400.00		2,945.44	9.96	33.99		123.43	
Oquossoc Light & Power Co.	40,700.00	19,500.00		11,377.41	1,200.00	144.46	10,032.95	3,243.00
Penobscot Power Co.	300,000.00			90,642.91	26,263.20	4,016.59	60,363.12	55,000.00
Phillips Electric Light & Power Co.	4,175.00	4,000.00		1,604.70	240.00		1,454.70	334.00
Prestite Electric Co.	3,100.00	2,366.63		482.61			482.61	3,100.00
Princeton Electric Light Dept.	*15,786.28		9,600.00	1,942.75	505.00		1,437.75	
Rumford Falls Light & Water Co.	300,000.00			45,076.67		5,672.12	39,404.55	125,000.00
Sherman Electric Co.	6,200.00	5,010.87		775.75			775.75	3,254.00
Shore Line Electric Co., The	61,600.00		100,000.00	8,550.15	6,000.36		2,549.79	
Squirrel Island Village Corp.				1,649.67		1,586.00	63.67	
St. Croix Gas Light Co.	199,800.00			10,570.66		60.85	10,509.81	
Stockholm Light & Power Co.	6,600.00	10,195.60		†325.25			†325.25	124.00
Stonington & Deer Isle Power Co.	9,800.00		29,700.00	3,742.35	1,528.73		2,213.62	90.09
Stratton Light Co.	12,300.00	8,000.00	400.00	1,067.28	541.33		525.95	
Turner Light & Power Co.	19,200.00	25,000.00	45,956.92	7,486.47	4,425.92		3,060.55	
Van Buren Light & Power Dept.		35,000.00		4,423.73	1,750.00		2,673.73	
Vinalhaven Light & Power Co.	41,950.00	15,000.00		9,603.80	1,157.50	723.96	7,722.34	
Washburn Electric Co.	1,400.00	15,000.00	15,700.00	1,891.11	996.74	187.22	707.15	
Waterford Light & Power Co., Inc.	7,150.00			280.32			280.32	
Westfield Electric Co.	10,000.00	1,101.16		1,630.67			1,630.67	
Woodland Light & Water Co.	102,600.00			1,059.92			1,059.92	

*Proprietors' Account.

†Loss

TABULATED STATEMENTS

COMPILED FROM THE

Reports of
Steam Railroad Companies

FOR THE

Year Ended December 31, 1928

SCHEDULE NO. 11

The Following Table Gives the Mileage in Maine of All Steam
Railroads Operating Therein

RAILROADS	Miles of main track	Miles of second main track	Miles of yard tracks and sidings	Total line operated	
Bangor and Aroostook Railroad Co.:					
Searsport to Van Buren.....	259.76	646.79	30.29	195.13	872.21
Old Town to So. Lagrange.....	15.62				
So. Lagrange to Packards.....	27.96				
Derby to Greenville.....	48.94				
Brownville to Brownville Jct.....	4.50				
Schoodie Jct. to Medway.....	8.00				
Patten Jct. to Patten.....	5.87				
Ashland Jct. to Fort Kent.....	94.87				
Squa Pan to Stockholm.....	47.94				
Presque Isle to Mapleton.....	7.13				
Phair to Fort Fairfield.....	13.35				
Caribou to Limestone.....	15.67				
Van Buren to Fort Kent.....	44.20				
Kent Jct. to St. Francis.....	16.56				
Canadian Jct. to Van Buren Bridge.....	.21				
Northern Maine Jct. to North Transfer.....	.75				
Northern Maine Jct. to South Transfer.....	.83				
Oakfield to Ashland Branch.....	1.62				
Industrial Tracks.....	33.01				
Belfast and Moosehead Lake Railroad Co.:					
Belfast to Burnham.....	33.07	33.86	.06	3.62	37.54
Industrial Tracks.....	.79				
Boston and Maine Railroad Co.:					
State line to Rigby Via Dover.....	39.89	134.42	34.55	34.37	203.34
State line to Rigby Via Portsmouth.....	47.36				
N. H. State line to Westbrook.....	42.56				
Jewett to N. H. State Line.....	2.92				
Connecting Tracks.....	.56				
Navy Yard Branch.....	1.13				
*Portland Terminal Co. Tracks.....	19.56				
†Bridgton and Saco River Railroad Co.:					
Harrison to Bridgton Jct.....	21.23	3.06	24.29	
Canadian Nat'l Ry. Co. (At.&St.L.&N.B.R.R.)					
N. H. Line to Portland.....	82.64	95.24	.99	48.26	144.49
So. Paris to Norway.....	1.41				
Lewiston Jct. to Lewiston (L. & A. R.R.)..	5.43				
Industrial Tracks.....	5.76				
Canadian Pacific Railway Co. (I. Ry. Me.):					
Boundary to Mattawamkeag.....	144.57	179.28	45.16	224.44
Boundary to Houlton.....	3.16				
Boundary to Presque Isle.....	29.29				
Industrial Tracks.....	2.26				
*Mattawamkeag to Vanceboro.....	56.71				
Kennebec Central Railroad Co.:					
Randolph to National Soldiers' Home.....	5.0074	5.74	
Knox Railroad Co., Warren to Union.....	8.00	2.00	10.00	
Lime Rock Railroad Co.....	7.32	5.32	12.55	
*Trackage Rights (Me. C. R.R.).....	1.27				
Maine Central Railroad Co.:					
Portland line to Bangor.....	129.98
Royal Jct. to Waterville.....	72.30				
Gardiner to Copsecook Mills.....	1.15				
Fairfield to Skowhegan.....	15.71				
Oquosoc to Kennebago.....	10.65				
Oakland to Kinco.....	90.61				

*Trackage rights. †Narrow (2 feet) gauge.

SCHEDULE NO. 11
Mileage of Steam Railroads — Concluded

RAILROADS	Miles of main track	Miles of second main track	Miles of yard tracks and sidings	Total line operated
Maine Central Railroad—Continued:				
Austin Jct. to Bingham.....	1.40			
Bangs to Dodlin's Quarry.....	0.99			
Taunton to Somerset Jct.....	0.48			
Pittsfield to Harmony.....	17.76			
Brunswick to Leeds Jct.....	25.91			
Crowley's Jct. to Lewiston Lower.....	4.88			
Leeds Jct. to Farmington.....	36.57			
Brunswick to Rockland.....	56.73			
Old Main line — Bath.....	0.14			
Old Main line — Woolwich.....	0.45			
Rockland to Rockland Wharf.....	1.44			
Brewer Jct. to Mt. Desert Ferry.....	41.13			
Washington Jct. to Calais.....	102.49			
Machias to Eastern Pulpwood Co.....	0.45			
Ayer's Jct. to Eastport.....	16.48			
St. Croix Jct. to Princeton.....	12.75			
Woodland Jct. to Woodland.....	1.21			
Rumford Jct. to Rumford.....	52.74			
Upper Yard to Old Pass. Station.....	1.63			
Upper Yard to Virginia.....	1.14			
Canton to Livermore Falls.....	10.27			
Branch to Record Foundry & Machine Co.....	0.87			
Rumford to Oquossoc.....	35.97	1,019.82	72.75	272.87
Newport to Dexter.....	13.94			1365.44
Dexter to Foxcroft.....	16.54			
Bangor to Bucksport.....	18.80			
Bangor to Vanceboro.....	114.30			
Bangor to Hampden.....	1.43			
Orono to Stillwater.....	3.01			
Old Town to American Woolen Co.....	0.45			
Enfield to Montague.....	3.03			
Milford to Jordan Lumber Co.....	0.72			
Montague to Howland.....	0.73			
Westbrook line to State Line.....	43.81			
Industrial Tracks.....	58.78			
*Portland Terminal Tracks.....	20.67			
†Monson Railroad Co.:				
Monson to Monson Jct.....		8.16		8.16
Portland Terminal Co.:		31.91	†16.77	87.90
†Sandy River and Rangeley Lakes Railroad:				136.58
Farmington to Rangeley.....	46.88			
Phillips to Custer Mfg. Co.....	.25			
Madrid Jct. to Hodges.....	4.88			
Bracket Jct. to near Gray Farm.....	5.02			
Reed to McLeary and Bell Mill.....	.10	96.45		12.59
Perham Jct. to Barnjum.....	2.84			109.04
Eustis Jct. to Green's Farm.....	10.48			
Langtown Branch.....	.05			
Strong to Huston Brook.....	25.70			
Kingfield Jct. to Kingfield.....	.25			
†Wiscasset, Waterville & Farmington Ry. Co.				
Wiscasset to Albion.....	43.50		2.25	45.75
	2,330.98	155.41	713.18	3,199.57

*Trackage Rights †Narrow (2 feet) gauge
1.38 fourth main track

‡Includes 1.38 third main track and

SCHEDULE NO. 12

Mileage of Steam Railroads and Increase from 1836 to December 31, 1928
(For main line only)

As nearly as can be ascertained the mileage of the steam railroads in Maine, from the first road built in 1836 to December of 1928 is as follows:

	Miles	Increase		Miles	Increase
1836	12.00		1892	1,385.00	2.08
1842	19.88	7.88	1893	1,399.14	14.14
1843	72.39	52.51	1894	1,515.99	116.85
1847	75.39	3.00	1895	1,626.75	110.76
1848	132.16	56.77	1896	1,720.41	93.66
1849	211.49	79.33	1897	1,722.92	2.51
1850	232.59	21.10	1898	1,748.95	26.03
1851	280.61	48.02	1899	1,871.85	122.90
1852	319.74	39.13	1900	1,905.00	33.15
1853	330.74	11.00	1901	1,918.98	13.98
1854	333.74	3.00	1902	1,933.35	14.37
1855	332.84	19.10	1903	2,004.81	71.46
1856	370.75	17.91	1904	2,018.60	13.79
1857	390.82	20.07	1905	2,022.63	4.03
1859	411.29	20.47	1906	2,093.49	70.86
1861	441.99	30.70	1907	2,144.77	51.28
1867	444.49	2.50	1908	2,173.91	29.14
1868	516.45	71.96	1909	2,174.95	1.04
1869	601.65	85.20	1910	2,259.60	84.65
1870	650.20	48.55	1911	2,288.36	28.76
1871	772.63	122.43	1912	2,284.38	*3.98
1873	814.63	42.00	1913	2,301.03	16.65
1874	846.43	31.80	1914	2,300.37	*.66
1875	865.71	19.28	1915	2,301.05	*.68
1876	831.33	15.62	†1916	2,289.61	*11.44
1879	911.23	29.90	†1916	2,289.04	*.57
1880	1,023.32	112.09	1917	2,299.27	10.23
1881	1,036.15	12.83	1918	2,286.81	*12.46
1882	1,051.64	15.49	1919	2,312.68	25.82
1883	1,063.27	11.63	1920	2,313.87	1.19
1884	1,132.27	69.00	1921	2,315.15	1.28
1885	1,132.27		1922	2,290.01	*25.14
1886	1,141.43	9.16	1923	2,290.67	.66
1887	1,164.52	23.09	1924	2,379.39	88.72
1888	1,164.07	*.45	1925	2,371.87	*7.52
1889	1,322.45	158.38	1926	2,354.18	*17.69
1890	1,360.26	37.81	1927	2,327.84	*26.34
1891	1,382.92	22.66	1928	2,330.98	3.14

*Decrease.

†June 30, 1916.

‡Dec. 31, 1916.

SCHEDULE NO. 13
Traffic and Mileage Statistics

RAILROADS	Number of passengers carried	Number of passengers carried one mile	AVERAGE RECEIPTS PER PASSENGER PER MILE		Tons of freight carried	Tons of freight carried one mile	AVERAGE RECEIPTS PER TON PER MILE	
			Year ending Dec. 31, 1928 (Cents)	Year ending Dec. 31, 1927 (Cents)			Year ending Dec. 31, 1928 (Cents)	Year ending Dec. 31, 1927 (Cents)
STANDARD GAUGE ROADS								
Bangor & Aroostook Railroad Co.....	398,202	15,341,483	4.241	4.200	2,152,297	275,076,764	2.264	2.237
Belfast & Moosehead Lake R. R. Co.....	29,933	562,126	3.964	3.630	102,726	2,630,883	3.681	3.400
Knox Railroad Co.....	1,121	8,968	5.498	5.283	19,728	157,824	13.120	13.386
Lime Rock Railroad Co.....					283,669			
Maine Central Railroad Co.....	1,607,896	91,697,444	3.600	3.599	7,412,610	825,877,748	1.708	1.646
Totals.....	2,037,152	107,610,021			9,971,030	1,103,743,219		
NARROW GAUGE ROADS								
Bridgton & Saco River Railroad Co.....	6,658	93,212	3.981	4.507	16,314			11.950
Kennebec Central Railroad Co.....	12,472	62,360	3.000	3.000	4,739	23,695	58.001	56.544
Monson Railroad Co.....	1,304	10,641	11.551	6.929	10,877	88,656	17.679	15.608
Sandy River & Rangeley Lakes Railroad Co.....	15,651	261,282	4.699	4.665	75,460	1,906,955	8.723	9.698
Wiscasset, Waterville & Farmington Railway Co.....	4,505	56,225	4.525	4.349	16,635	571,263	8.508	8.961
Totals.....	40,590	483,720			124,025	2,590,569		

SCHEDULE NO. 14
Statement of Assets, Steam Railroads, Year Ended December 31, 1928

NAME OF COMPANY	Property investments	Security investments	Current assets	Deferred assets	Unadjusted debits	Total assets
Bangor & Aroostook Railroad Co.....	\$33,722,806.30	\$512,600.00	\$2,109,969.36	\$543.48	\$139,328.43	\$36,485,247.57
Belfast & Moosehead Lake Railroad Co.....	864,791.93		21,119.49	1,093.90	4,201.86	891,207.18
Bridgton & Saco River Railroad Co.....	315,877.45	3,600.00	14,481.46			333,958.91
Kennebec Central Railroad Co.....	76,562.97		7,200.59			83,763.56
Knox Railroad Co.....	173,852.99		2,019.42	3,236.42	1,044.08	180,152.91
Lime Rock Railroad Co.....	570,816.86		31,362.15	19,271.78	403,530.42	1,024,981.21
Maine Central Railroad Co.....	49,240,872.59	5,707,898.99	3,777,797.48	1,283.20	923,763.15	59,651,570.41
Monson Railroad Co.....	75,851.41		2,092.75			77,944.16
Sandy River and Rangeley Lakes Railroad.....	1,230,145.12		91,736.14	23,780.66	2,158.62	1,347,820.54
Wiscasset, Waterville & Farmington Railway Co..	64,166.53		6,871.42		246,970.00	318,007.95
Totals.....	\$86,335,699.15	\$6,224,098.99	\$6,064,650.26	\$49,209.44	\$1,720,996.56	\$100,394,654.40

SCHEDULE NO. 14—Concluded
Statement of Liabilities, Steam Railroads, Year Ended December 31, 1928

NAME OF COMPANY	Capital stock	Long term debt	Current liabilities	Deferred liabilities	Unadjusted credits	Profit and loss	Total liabilities
Bangor & Aroostook Railroad Co.....	\$9,104,792.36	\$20,010,000.00	\$854,529.06	\$7,723.51	\$2,474,281.85	\$4,033,920.79	\$36,485,247.57
Belfast & Moosehead Lake Railroad Co.....	648,100.00		40,818.80		18,475.46	183,812.92	891,207.18
Bridgton & Saco River Railroad Co.....	102,250.00		189,336.43		38,619.39	3,753.09	333,958.91
Kennebec Central Railroad Co.....	40,000.00		12,000.00		4,615.09	27,148.47	83,763.56
Knox Railroad Co.....	60,000.00	103,150.00	63,112.00		8,164.81	*54,273.90	180,152.91
Lime Rock Railroad Co.....	450,000.00	400,000.00	4,377.98		22,809.48	147,793.75	1,024,981.21
Maine Central Railroad Co.....	15,007,100.00	25,410,500.00	3,125,380.58	2,048,909.59	6,845,634.99	7,214,045.25	59,651,570.41
Monson Railroad Co.....	70,000.00		219,578.55		12,113.98	*223,748.37	77,944.16
Sandy River and Rangeley Lakes Railroad Co..	340,000.00	190,400.00	1,025,126.19		142,297.64	*350,003.29	1,347,820.54
Wiscasset, Waterville & Farmington Ry. Co....	53,090.00				11,136.53	253,781.42	318,007.95
Totals.....	\$25,875,332.36	\$46,114,050.00	\$5,534,259.59	\$2,056,633.10	\$9,578,149.22	\$11,236,230.13	\$100,394,654.40

* Debit Balance

SCHEDULE NO. 15

Statement of Income Account of Steam Railroad Companies, Year Ended December 31, 1928

NAME OF COMPANY	Railway operating revenues	Railway operating expenses	Non-operating income	Taxes deducted	Gross income	Deductions	Income balance for year
Bangor & Aroostook Railroad Co.	\$7,199,222.07	\$4,951,741.19	\$285,304.11	\$573,623.05	\$1,959,161.94	\$976,084.49	\$983,077.45
Belfast & Moosehead Lake Railroad Co.	159,666.70	123,905.81	761.68	7,481.00	29,041.57	23,661.80	5,379.77
Bridgton & Saco River Railroad Co.	51,829.02	50,220.05	1,976.52	1,078.68	2,506.81	6,876.80	*4,369.99
Kennebec Central Railroad Co.	16,782.26	17,677.66	59.76	642.12	*1,477.76	584.17	*2,061.93
Knox Railroad Co.	23,911.63	22,161.82	90.95	686.62	1,154.14	7,309.60	*6,155.46
Lime Rock Railroad Co.	139,241.56	101,352.48	894.74	4,615.28	34,168.54	16,246.72	17,921.82
Maine Central Railroad Co.	19,301,898.73	14,988,582.54	478,929.38	1,335,985.47	3,456,260.10	2,667,829.25	788,430.85
Monson Railroad Co.	20,430.58	17,026.11	.68	346.05	3,059.10	4,205.90	*1,146.80
Sandy River and Rangeley Lakes Railroad.	189,562.21	200,069.62	958.66	2,977.45	*12,526.20	11,406.86	*23,933.06
Wiscasset, Waterville & Farmington Ry. Co.	61,085.11	61,439.12	504.00	754.00	*604.01	.....	*604.01
Totals.	\$27,163,629.87	\$20,534,176.40	\$769,480.48	\$1,928,189.72	\$5,470,744.23	\$3,714,205.59	\$1,756,538.64

*Loss

SCHEDULE NO. 16

Statement of the Operating Revenues of Steam Railroad Companies, Year Ended December 31, 1928

NAME OF COMPANY	Freight revenue	Passenger revenue	Other transportation revenue	Total transportation revenue	Incidental operating revenue	Total operating revenues
Bangor & Aroostook Railroad Co.....	\$6,227,533.05	\$650,586.36	\$254,376.52	\$7,132,495.93	\$66,726.14	\$7,199,222.07
Belfast & Moosehead Lake Railroad Co.....	96,852.81	22,280.72	38,005.99	157,139.52	2,527.18	159,666.70
Bridgton & Saco River Railroad Co.....	37,359.46	3,710.85	10,692.54	51,762.85	66.17	51,829.02
Kennebec Central Railroad Co.....	13,764.81	1,870.80	1,146.65	16,782.26	.....	16,782.26
Knox Railroad Co.....	20,706.68	493.10	2,643.10	23,842.88	68.75	23,911.63
Lime Rock Railroad Co.....	110,142.75	.....	29,098.81	139,241.56	.....	139,241.56
Maine Central Railroad Co.....	14,109,007.21	3,301,435.71	1,414,735.75	18,825,178.67	476,720.06	19,301,898.73
Monson Railroad Co.....	15,683.60	1,229.21	3,517.77	20,430.58	.....	20,430.58
Sandy River and Rangeley Lakes Railroad.....	166,344.69	12,280.01	10,745.25	189,369.95	192.26	189,562.21
Wiscasset, Waterville & Farmington Ry. Co.....	48,607.76	2,544.38	9,932.97	61,085.11	.....	61,085.11
Totals.....	\$20,846,002.82	\$3,996,431.14	\$1,774,895.35	\$26,617,329.31	\$546,300.56	\$27,163,629.87

SCHEDULE NO. 17

Statement of the Operating Expenses of Steam Railroad Companies, Year Ended December 31, 1928

NAME OF COMPANY	Total maintenance of way and structures	Total maintenance of equipment	Total traffic expenses	Total transportation expenses	Total miscellaneous expenses	Total general expenses	Total operating expenses	Ratio	
								Dec. 31 1928	Dec. 31 1927
Bangor & Aroostook Railroad Co.....	\$1,313,165.36	\$1,414,229.44	\$71,225.87	\$1,797,966.32	\$38,802.20	\$316,457.41	\$4,950,504.90	\$68.77	\$66.97
Belfast & Moosehead Lake R. Co.....	24,707.45	6,632.64	2,524.96	79,604.55	.....	10,436.21	123,905.81	77.60	85.37
Bridgton & Saco River R. Co.....	9,096.17	10,519.81	968.63	26,747.61	.....	2,887.83	50,220.05	96.92	109.22
Kennebec Central Railroad Co.....	5,463.00	2,905.04	21.41	8,366.41	.....	921.80	17,677.66	105.33	89.30
Knox Railroad Co.....	8,926.23	1,985.15	.....	8,508.41	.....	2,742.03	22,161.82	92.68	96.33
Lime Rock Railroad Co.....	18,947.98	26,077.94	.....	48,036.08	.....	8,290.48	101,352.48	72.79	87.68
Maine Central Railroad Co.....	2,911,109.99	3,712,819.99	196,108.77	7,458,005.47	87,446.84	625,326.95	14,986,283.04	77.64	79.50
Monson Railroad Co.....	4,909.54	2,116.59	.....	9,600.03	.....	399.95	17,026.11	83.33	85.23
Sandy River & Rangeley Lakes R. R.	72,285.13	34,633.70	1,606.55	83,599.64	.....	7,916.94	200,041.96	105.52	92.80
Wiscasset, Waterville & Farmington Railway Co.....	25,868.40	8,220.78	.....	24,177.12	.....	3,172.82	61,439.12	100.58	98.31
Totals.....	\$4,394,479.25	\$5,220,141.08	\$272,456.19	\$9,544,611.64	\$126,249.04	\$978,552.42	\$20,536,489.62		

*Transportation for Investment Cr. deducted from Operating Expenses.

SCHEDULE NO. 18

Capitalization, Indebtedness, Gross Income and Disposition of Gross Income of Steam Railroad Companies for Year
 Ended December 31, 1928. (Lessor Companies)
 (Operated by Maine Central Railroad Co.)

NAME OF COMPANY	Capital stock	Long term debt	Property investments	Gross income	Interest deductions	Other deductions prior to distribution to stockholders	Net income	Dividends declared
Dexter & Newport Railroad Co.....	\$122,000.00	.....	\$314,515.36	\$6,350.00	.....	\$248.63	\$6,101.37	\$6,100.00
Dexter & Piscataquis Railroad Co....	122,000.00	\$175,000.00	325,192.26	13,350.00	.....	259.72	6,090.28	6,100.00
Eastern Maine Railway Co.....	200,000.00	.....	240,631.04	9,500.00	.....	400.00	9,100.00	9,000.00
European & North American Railway.	2,489,500.00	1,000,000.00	4,406,436.38	165,524.75	40,000.00	1,130.49	124,394.26	124,275.00
Portland & Ogdensburg Railway.....	4,392,538.00	2,119,000.00	6,889,567.29	181,285.96	92,935.20	500.00	87,850.76	87,850.76
Portland & Rumford Falls Railroad....	1,000,000.00	.....	1,138,217.97	367,980.43	.....	264,954.40	103,026.03	60,000.00
Portland & Rumford Falls Railway...	2,000,000.00	1,147,000.00	2,988,502.36	215,578.80	55,058.34	520.46	160,000.00	160,000.00
Rumford Falls & Rangeley Lakes Railroad Co.....	\$300,000.00	\$640,000.00	\$986,788.92	\$42,453.58	\$35,000.00	\$1,453.58	\$6,000.00	\$6,000.00

TABULATED STATEMENTS

COMPILED FROM THE

Reports of
Telephone Companies

(CLASSES A. B. & C.)

FOR THE

Year Ended December 31, 1928

SCHEDULE NO. 29

Statement of Assets, Telephone Companies, Year Ended December 31, 1928—Classes A, B, & C

Class	NAME OF COMPANY	Fixed capital	Securities and other investments	Total fixed capital	Working assets and accrued income	Deferred debit items	Total assets
A.	Aroostook Tel. & Tel. Co.....	\$1,009,800.83		\$1,009,800.83	\$91,572.01	\$3,479.01	\$1,104,851.85
B.	Eastern Tel. & Tel. Co.....	419,195.00		419,195.00	37,545.67	2,542.00	549,282.67
C.	Fort Kent Telephone Co.....	40,144.10		40,144.10	4,363.94	1,800.00	46,308.04
C.	Franklin Farmers Co-op. Tel. Co.....	18,368.19		18,368.18	5,885.44		24,253.63
C.	Katahdin Farmers Tel. Co.....	72,190.57		72,190.57	4,775.82		76,966.39
C.	Lewiston, Greene & Monmouth Tel. Co.....	67,345.43		67,345.43	35,753.62		103,099.05
A.	Maine Telephone & Tel. Co.....	982,652.01		982,652.01	79,190.30	10,562.50	1,072,404.81
B.	Moosehead Tel. & Tel. Co.....	349,090.76		349,090.76	27,146.50	764.84	377,002.10
C.	Nash Telephone Co.....	41,341.33		41,341.33	8,893.23	309.52	50,544.08
A.	New England Tel. & Tel. Co.....	249,853,500.30	\$2,630,484.22	252,483,984.52	10,130,986.24	6,046,170.55	268,661,141.31
C.	Oxford County Tel. & Tel. Co.....	49,410.16	10.00	49,420.16	4,419.17		53,839.33
C.	Pinè Tree Telephone Co.....	17,150.82		17,150.82	5,085.06		22,235.88
C.	Poland Telephone Co.....	24,098.60		24,098.60	7,598.69		31,697.29
C.	Saco River Tel. & Tel. Co.....	44,572.96		44,572.96	3,522.51		48,095.47
C.	Somerset Farmers Co-op. Tel. Co.....	23,695.31		23,695.31	2,622.30		26,317.61
C.	Unity Telephone Co.....	31,815.49	5,249.03	37,064.52	6,155.25		43,219.77
	Totals.....	\$253,044,371.86	\$2,635,743.25	\$255,680,115.11	\$10,455,515.75	\$6,065,628.42	\$272,201,259.28

SCHEDULE NO. 29—Concluded

Statement of Liabilities, Telephone Companies, Year Ended December 31, 1928—Classes A, B, & C

Class	NAME OF COMPANY	Capital stock	Long term debt	Working liabilities and accrued liabilities	Deferred credit items	Surplus	Total liabilities
A.	Aroostook Tel. & Tel. Co.	\$279,740.00	\$217,235.23	\$56,673.74	\$416,534.51	\$134,668.37	\$1,104,851.85
B.	Eastern Tel. & Tel. Co.	132,000.00	165,787.97	19,774.89	94,790.39	46,929.42	459,282.67
C.	Fort Kent Telephone Co.	4,320.00	5,433.60	566.10	22,503.90	13,484.44	46,308.04
C.	Franklin Farmers Co-op. Tel. Co.	13,120.00	.....	.....	5,172.84	5,960.79	24,253.63
C.	Katahdin Farmers Tel. Co.	50,000.00	.....	1,000.00	16,715.02	9,251.37	76,966.39
C.	Lewiston, Greene & Monmouth Tel. Co.	45,140.00	.....	.....	45,162.74	12,796.31	103,099.05
A.	Maine Telephone & Tel. Co.	386,590.00	271,610.82	48,481.43	322,385.37	43,337.19	1,072,404.81
B.	Moosehead Tel. & Tel. Co.	181,725.00	5,400.00	14,618.26	132,347.11	42,911.73	377,002.10
C.	Nash Telephone Co.	20,000.00	.....	2,900.00	6,160.00	21,484.08	50,544.08
A.	New England Tel. & Tel. Co.	110,661,000.00	92,520,000.00	9,470,493.50	51,347,254.61	4,662,393.20	268,661,141.31
C.	Oxford County Tel. & Tel. Co.	15,195.00	.....	1,500.00	22,599.23	14,545.10	53,339.33
C.	Pine Tree Telephone Co.	8,570.00	.....	.....	2,308.58	11,357.30	22,235.88
C.	Poland Telephone Co.	15,000.00	.....	676.14	2,699.58	13,321.57	31,697.29
C.	Saco River Tel. & Tel. Co.	3,350.00	.....	166.26	16,885.88	27,693.33	48,095.47
C.	Somerset Farmers Co-op. Tel. Co.	14,540.00	.....	.....	8,875.75	2,901.86	26,317.61
C.	Unity Telephone Co.	25,000.00	.....	.....	16,567.35	1,652.42	43,219.77
	Totals	\$111,855,290.00	\$93,185,467.62	\$9,616,850.32	\$52,478,962.86	\$5,064,688.48	\$272,201,259.28

SCHEDULE NO. 30

Statement of Income Account of Telephone Companies, Year Ended December 31, 1928—Classes A, B, & C

Class	NAME OF COMPANY	Operating revenues	Operating expenses	Non-operating income	Taxes deducted	Gross income	Deductions from Gross Income	Income balance for year
A.	Aroostook Tel. & Tel. Co.....	\$319,461.05	\$242,446.99	\$957.86	\$23,070.05	\$54,901.87	\$42,023.25	\$12,878.62
B.	Eastern Tel. & Tel. Co.....	134,453.80	93,373.60	550.59	6,686.38	34,944.41	29,113.47	5,830.94
C.	Fort Kent Telephone Co.....	15,078.66	14,366.75	.....	1,250.33	*538.42	.....	*538.42
C.	Franklin Farmers Co-Op. Tel. Co.....	16,616.00	17,860.33	150.53	345.15	*1,438.95	.....	*1,438.95
C.	Katahdin Farmers Tel. Co.....	26,864.89	22,890.67	410.41	1,161.88	3,222.75	4,360.00	*1,137.25
C.	Lewiston, Greene & Monmouth Tel. Co.	27,285.08	23,437.27	892.69	893.09	3,847.41	3,330.32	517.09
A.	Maine Telephone & Tel. Co.....	304,112.50	219,522.90	2,265.67	21,352.85	65,502.42	52,648.24	12,854.18
B.	Mooshead Tel. & Tel. Co.....	96,575.72	68,991.39	359.63	4,752.00	23,191.96	19,368.53	3,823.43
C.	Nash Telephone Co.....	20,782.78	15,767.51	.....	603.06	4,412.21	1,244.73	3,167.48
A.	New England Tel. & Tel. Co.....	69,393,295.28	48,758,575.24	399,276.67	5,520,894.52	15,513,102.19	14,061,420.51	1,451,681.68
C.	Oxford County Tel. & Tel. Co.....	15,327.49	14,497.32	50.93	484.26	396.84	1,081.27	*684.43
C.	Pine Tree Telephone Co.....	10,751.37	10,177.58	.....	216.63	357.16	607.39	*250.23
C.	Poland Telephone Co.....	21,096.51	16,515.66	.....	344.49	4,236.36	3,253.07	983.29
C.	Saco River Tel. & Tel. Co.....	13,687.42	12,487.04	.....	.....	1,200.38	.....	1,200.38
C.	Somerset Farmers Co-Op. Tel. Co.....	17,110.26	17,574.52	.....	.....	*464.26	.....	*464.26
C.	Unity Telephone Co.....	13,520.73	11,155.08	439.44	216.67	2,588.42	2,082.65	505.77
Totals.....		\$70,446,019.54	\$49,559,639.85	\$405,354.42	\$5,582,271.36	\$15,709,462.75	\$14,220,533.43	\$1,488,929.32

SCHEDULE NO. 31

Statement the of Income Account of Telephone Companies, Year Ended December 31, 1928—Classes A, B, & C

NAME OF COMPANY	OPERATING REVENUES				OPERATING EXPENSES				
	Exchange service revenues	Toll service revenues	Miscellaneous revenues	Total revenues	Maintenance expenses	Traffic expenses	Commercial expenses	General and miscellaneous expenses	Total operating expenses
Aroostook Tel. & Tel. Co	\$203,573.36	\$120,259.86	*\$4,372.17	\$319,461.05	\$101,139.75	\$91,763.79	\$28,884.53	\$18,848.39	\$240,636.46
Eastern Tel. & Tel. Co...	92,541.80	46,194.75	*4,282.75	134,453.80	41,376.68	35,714.81	7,875.03	7,952.25	92,918.77
Fort Kent Tel. Co.....	10,527.74	3,803.24	747.68	15,078.66	5,179.55	5,171.37	.....	3,203.24	13,554.16
Franklin Farmers Co-op. Tel. Co.....	15,473.08	1,142.92	.....	16,616.00	5,302.15	8,323.47	.....	4,234.71	17,860.33
Katahdin Farmers Tel. Co.....	16,421.07	10,238.56	205.26	26,864.89	8,091.10	7,840.67	.....	6,531.56	22,463.33
Lewiston, Greene & Monmouth Tel. Co....	17,139.33	9,594.10	551.65	27,285.08	11,176.35	6,918.53	.....	5,342.39	23,437.27
Maine Tel. & Tel. Co....	190,569.42	117,213.73	*3,670.65	304,112.50	114,253.47	71,866.11	16,424.57	16,271.06	218,815.21
Moosehead Tel. & Tel. Co.....	63,322.56	35,582.50	*1,329.34	96,575.72	33,695.04	23,221.53	5,204.81	6,462.81	68,584.19.
Nash Telephone Co.....	14,018.69	1,691.55	5,072.54	20,782.78	9,804.72	3,384.49	.....	2,578.30	15,767.51
New England Tel. & Tel. Co.....	50,899,805.14	18,029,257.10	464,233.04	69,393,295.28	23,176,600.40	15,487,069.21	6,637,879.74	3,041,957.06	48,343,506.41
Oxford County Tel. & Tel. Co.....	11,195.70	4,063.78	68.01	15,327.49	6,388.48	5,116.00	.....	2,992.84	14,497.32
Pine Tree Tel. Co.....	8,124.20	2,627.17	.....	10,751.37	4,595.66	2,492.94	.....	3,088.98	10,177.58
Poland Telephone Co....	9,384.01	11,509.50	203.00	21,096.51	7,782.13	5,943.12	.....	2,790.41	16,515.66
Saco River Tel. & Tel. Co.....	9,325.42	3,955.52	406.48	13,687.42	6,196.75	3,723.46	.....	2,566.83	12,487.04
Somerset Farmers Co-op. Tel. Co.....	15,074.45	1,456.45	579.36	17,110.26	3,085.90	9,263.31	.....	5,225.31	17,574.52
Unity Telephone Co.....	10,919.98	2,600.75	439.44	13,960.17	3,770.88	3,872.80	.....	3,511.40	11,155.08
Totals.....	\$51,586,415.95	\$18,401,191.48	\$458,851.55	\$70,446,458.98	\$23,538,439.01	\$15,771,685.61	\$6,696,268.68	\$3,133,557.54	\$49,139,950.84

*Debit Balance account of License Charges.

PUBLIC UTILITIES COMMISSION REPORT

TABULATED STATEMENTS

COMPILED FROM THE

Reports of
Water Companies

FOR THE

Year Ended December 31, 1928

SCHEDULE NO. 36

Statement of Assets, Water Utilities, Year Ended December 31, 1928

NAME OF COMPANY	Fixed capital	Other fixed capital	Total fixed capital	Current assets	Misc. assets	Unadjusted debits	Total assets
Auburn Water District.....	\$859,757.35		\$859,757.35	\$18,645.59	\$27,692.58		\$906,095.52
Augusta Water District.....	1,362,610.87		1,362,610.87	24,212.90	48,906.25	\$4,659.23	1,440,389.25
Bangor, City of, Water Department.....	1,918,221.01		1,918,221.01	28,753.90	389,701.80	2,094.52	2,338,771.23
Bar Harbor Water Co.....	417,826.68		417,826.68	9,503.74	21,568.87		448,899.29
Bath Water District.....	686,738.80		686,738.80	11,663.29	153,250.32		851,652.41
Belfast Water District.....	172,079.23		172,079.23	5,414.53			177,493.76
Biddeford & Saco Water Co.....	1,740,502.18		1,740,502.18	36,508.20	11,171.26	59,598.49	1,847,780.13
Boothbay Harbor Water System.....	194,676.82		194,676.81	1,776.78	81.36	1,360.00	197,894.96
Bruhswick & Topsham Water District.....	460,500.98		460,500.98	19,278.84	36,335.75	1,033.16	517,148.73
Calais Water & Power Co.....	250,564.07		250,564.07	16,711.01	25,086.57	2,000.00	294,311.65
Camden & Rockland Water Co.....	1,604,979.52		1,604,979.52	24,597.62	6,167.95	36,289.29	1,672,034.38
Caribou Water, Light & Power Co.....	200,442.60	\$367,897.64	568,340.24	67,226.85	1,170.00	17,025.42	653,762.51
Casco Bay Light & Water Co.....	325,328.13	260,182.49	585,510.62	18,008.29	9,248.21	16,871.40	629,638.52
Castine Water Co.....	114,262.75		114,262.75	64.50		542.13	114,869.38
Central Maine Power Co. "Consolidated on Electric Report."							
Damariscotta Newcastle Water Co.....	152,628.71		152,628.71	5,227.55	2,802.56	3,190.00	163,848.82
Dexter Water Works.....	79,942.69		79,942.69	9,163.67	463.81		89,570.17
Dover & Foxcroft Water District.....	330,278.50	27,616.06	357,894.56	2,080.68	33,605.63	457.83	394,038.70
Eastport Water Co.....	255,496.24		255,496.24	8,136.11	219.14		263,851.49
Farrington Village Corporation.....	158,821.54		158,821.54	5,371.21			164,192.75
Frontier Water Co.....	108,387.13		108,387.13	1,820.05		2,780.13	112,987.31

SCHEDULE NO. 36

Statement of Liabilities, Water Utilities, Year Ended December 31, 1928

NAME OF COMPANY	Capital stock	Long term debt	Current liabilities	Accrued liabilities	Unadjusted credits	Surplus	Total liabilities
Auburn Water District		\$351,700.00	\$4,337.90		\$130,581.96	\$419,475.66	\$906,095.52
Augusta Water District		761,500.00	225.00	\$26,466.66	399,912.33	252,285.26	1,440,389.25
Bangor, City of, Water Dept.		635,000.00	10,179.65	1,800.00	538,216.18	1,153,575.40	2,338,771.23
Bar Harbor Water Co.	\$139,050.00	125,000.00			76,468.01	108,381.28	448,899.29
Bath Water District		560,000.00	717.60		224,238.98	66,695.83	851,652.41
Belfast Water District		147,000.00			23,265.11	7,228.65	177,493.76
Biddeford & Saco Water Co.	799,900.00	826,000.00	35,587.55	14,386.64	136,701.90	35,204.04	1,847,780.13
Boothbay Harbor Water System		40,000.00	4,000.00	163.04	22,239.04	131,492.88	197,894.96
Brunswick & Topsham Water District		307,000.00		6,163.75	201,064.98	2,920.00	517,148.73
Calais Water & Power Co.	200,000.00	50,000.00		625.00	25,036.57	18,650.08	294,311.65
Camden & Rockland Water Co.	698,400.00	737,000.00	32,946.05	8,705.85	72,429.73	122,552.75	1,672,034.38
Caribou Water, Light & Power Co.	50,300.00	155,000.00	221,284.65	4,850.75	140,426.97	81,900.14	653,762.51
Casco Bay Light & Water Co.	275,000.00	214,500.00	67,283.97	3,286.64	33,135.95	36,431.96	629,638.52
Castine Water Co.	50,000.00	50,000.00		1,250.00		13,619.38	114,869.38
Central Maine Power Co. "Consolidated on Electric Report."							
Damariscotta Newcastle Water Co.	50,000.00	65,000.00	5,090.14	975.00	4,703.46	38,080.22	163,848.82
Dexter Water Works		36,000.00	1,163.98			52,406.19	89,570.17
Dover & Foxcroft Water District		220,000.00	3,404.18	998.95	58,358.40	111,277.17	394,038.70
Eastport Water Co.	100,000.00	180,000.00	39,832.49	2,850.00	12,882.81	*71,713.81	263,851.49
Farmington Village Corporation		90,000.00	652.17			73,540.58	164,192.75
Frontier Water Co.	30,000.00	30,000.00	18,820.48	500.00	13,168.72	20,498.11	112,987.31

SCHEDULE NO. 36—Continued
Statement of Assets, Water Utilities, Year Ended December 31, 1928

NAME OF COMPANY	Fixed capital	Other fixed capital	Total fixed capital	Current assets	Misc. assets	Unadjusted debits	Total assets
Gardiner Water District.....	\$418,531.06		\$418,531.06	\$13,368.38	\$83,201.14		\$515,100.58
Greenville Water Co.....	127,229.73		127,229.73	9,473.57	24.80		136,728.10
Guilford Water Co.....	129,142.20	\$10,044.24	139,186.44	11,033.14	5.73		150,225.31
Hallowell Water District.....	103,109.71		103,109.71	4,317.48	17,013.83		124,441.02
Houlton Water Co.....	219,072.80		219,072.80	10,185.77	29,739.17		258,997.74
Kennebec Water District.....	1,385,891.17		1,385,891.17	12,779.10	86,152.04	\$15,291.95	1,500,114.26
Kennebunk, Kennebunkport & Wells Water District.....	1,142,379.96		1,142,379.96	40,606.56	4,590.00		1,187,576.52
Kittery Water District.....	642,068.09		642,068.09	20,803.04	10,738.54		673,609.67
Lewiston Water Commission, City of.....	1,118,445.05		1,118,445.05	160,493.04			1,278,938.09
Lincoln Water Co.....	139,969.24		139,969.24	2,153.08	625.00	1,000.00	143,747.32
Lisbon Water Works.....	191,842.71		191,842.71	15,732.26	46,327.75		253,902.72
Livermore Falls Water District.....	180,574.49		180,574.49	7,288.41	15,402.89	66.67	203,332.46
Machias Water Co.....	101,740.63		101,740.63	5,905.11			107,645.74
Madison Water District.....	201,934.91		201,934.91	9,487.06	8.75	7,083.38	218,514.10
Mexico Water Co.....	80,539.37		80,539.37	6,561.03		51,950.00	139,050.40
Millinocket Water Co.....	159,346.76		159,346.76	14,467.71			173,814.47
Milo Water Co.....	131,385.08	24,771.98	156,157.06	27,584.31		9,680.00	193,421.37
Northeast Harbor Water Co.....	67,481.60		67,481.60	8,672.75	40,405.04		116,559.39
Norway Water Co.....	103,455.22		103,455.22	17,934.72	1,084.44	478.41	122,902.79
Oakland Water Co.....	100,273.87		100,273.87	1.00	9,157.31		109,432.18
Old Town Water District.....	347,294.38		347,294.38	9,882.50	7,143.08	11,417.03	375,736.99

SCHEDULE NO. 36—Continued
Statement of Liabilities, Water Utilities, Year Ended December 31, 1928

NAME OF COMPANY	Capital stock	Long term debt	Current liabilities	Accrued liabilities	Unadjusted credits	Surplus	Total liabilities
Gardiner Water District.....		\$324,500.00			\$127,078.65	\$63,521.93	\$515,100.58
Greenville Water Co.....	\$112,750.00		\$305.48	\$601.31	21,579.30	1,492.01	136,728.10
Guilford Water Co.....	79,950.00	40,000.00	1,032.25	1,210.98	11,300.00	16,732.08	150,225.31
Hallowell Water District.....		35,000.00			17,458.07	71,982.95	124,441.02
Houlton Water Co.....	50,000.00	122,500.00	4,417.99	1,543.75	46,403.86	34,132.14	258,997.74
Kennebec Water District.....		950,000.00	1,240.00	8,130.34	452,523.01	88,220.91	1,500,114.26
Kennebunk, Kennebunkport & Wells Water District.....		1,085,000.00	25,536.28	9,675.00	15,983.74	51,381.50	1,187,576.52
Kittery Water District.....		98,510.15	10,700.00		110,653.66	453,745.86	673,609.67
Lewiston Water Commission, City of.....		440,000.00	3,585.51	4,190.00		831,162.58	1,278,938.09
Lincoln Water Co.....	50,000.00	75,000.00	4,818.22	937.50	7,000.00	5,991.60	143,747.32
Lisbon Water Works.....		154,000.00		1,885.96	68,732.73	29,284.03	253,902.72
Livermore Falls Water District.....		119,000.00			24,803.58	59,528.88	203,332.46
Machias Water Co.....	50,000.00	44,500.00	505.00	416.67		12,224.07	107,645.74
Madison Water District.....		136,000.00		1,813.33	3,216.57	77,484.20	218,514.10
Mexico Water Co.....	50,000.00	50,000.00	4,000.00	1,145.83	6,965.40	26,939.17	139,050.40
Millinocket Water Co.....	120,000.00		5,000.00	821.59	27,765.17	20,227.71	173,814.47
Milo Water Co.....	96,800.00	121,000.00	15,291.12	1,529.00	12,694.79	*53,893.54	193,421.37
Northeast Harbor Water Co.....	23,000.00	18,000.00	2,775.07	375.00	27,296.01	45,113.31	116,559.39
Norway Water Co.....	59,900.00	36,000.00	287.85	747.83	22,947.10	3,020.01	122,902.79
Oakland Water Co.....	50,000.00	40,000.00	362.21	800.00	8,920.00	9,349.97	109,432.18
Old Town Water District.....		350,000.00	16,427.24		647.64	8,662.11	375,736.99

SCHEDULE NO. 36—Continued
Statement of Assets, Water Utilities, Year Ended December 31, 1928

NAME OF COMPANY	Fixed capital	Other fixed capital	Total fixed capital	Current assets	Misc. assets	Unadjusted debits	Total assets
Penobscot County Water Co.	\$751,886.34		\$751,886.34	\$33,289.12	\$94.87	\$6,713.19	\$791,983.52
Pittsfield Water Works.....	106,376.87		106,376.87	4,923.22	1,000.00		112,300.09
Portland Water District.....	8,499,794.59		8,499,794.59	289,427.11	3,190,562.88	90,183.30	12,069,967.88
Presque Isle Water Co.	220,721.73		220,721.73	12,336.28	108.39	4.00	233,170.40
Richmond Water Works.....	50,904.77		50,904.77	4,604.42			55,509.19
Rumford & Mexico Water District.....	490,938.76		490,938.76	8,249.92	65,569.94		564,758.62
Sanford Water Co.	300,547.83		300,547.83	9,417.18	287.75		310,252.76
Skowhegan Water Co.	186,945.63		186,945.63	17,203.69	149.15		204,298.47
So. Paris Village Corp. Water Works.....	89,243.36		89,243.36	8,984.07			98,227.43
Springvale Aqueduct Co.	130,541.45		130,541.45	3,202.69			133,744.14
Van Buren Water District.....	124,605.19		124,605.19	12,825.55			137,430.74
Wilton Water Co.	139,553.78		139,553.78	4,135.90	960.00		144,649.68
Winthrop Water District.....	109,601.98		109,601.98	3,485.60	1,500.00	500.00	115,087.58
Wisasset Water Co.	82,756.57		82,756.57	5,035.71	2,200.00		89,992.28
Woodland Light & Water Co.....	93,522.14	\$19,262.26	112,784.40	4,583.41	18,315.00		135,682.81
Yarmouth Water District.....	135,007.31		135,007.31	8,187.09	12,040.00	8,889.40	164,123.80
York Shore Water Co.	313,793.73		313,793.73	33,849.59	34,071.67		381,714.99
Totals	\$30,312,495.86	\$709,774.67	\$31,022,270.53	\$1,186,635.88	\$4,445,851.22	\$351,158.93	\$37,005,916.56

SCHEDULE NO. 36—Concluded
Statement of Liabilities, Water Utilities, Year Ended December 31, 1928

NAME OF COMPANY	Capital stock	Long term debt	Current liabilities	Acerued liabilities	Unadjusted credits	Surplus	Total liabilities
Penobscot County Water Co.....	\$403,000.00	\$250,000.00	\$85,008.82	\$11,413.28	\$17,337.58	\$25,223.84	\$791,983.52
Pittsfield Water Works.....		\$30,000.00			8,356.07	73,944.02	112,300.09
Portland Water District.....		6,165,000.00	77,992.56	60,933.34	5,746,249.53	19,792.45	12,069,967.88
Presque Isle Water Co.....	94,650.00	90,000.00	8,590.73	944.65	18,041.39	20,943.63	233,170.40
Richmond Water Works.....	42,000.00		500.00		1,018.09	11,991.10	55,509.19
Rumford & Mexico Water District.....		421,500.00	852.95	2,333.33	89,441.46	50,630.88	564,758.62
Sanford Water Co.....	100,000.00		898.59	2,071.85	68,964.99	138,317.33	310,252.76
Skowhegan Water Co.....	91,200.00	61,000.00	485.60	1,745.04	27,711.64	22,156.19	204,298.47
So. Paris Village Corp., Water Works.....		41,000.00	126.66	410.00	11,027.95	45,662.82	98,227.43
Springvale Aqueduct Co.....	40,000.00	35,000.00	16,368.91	1,076.33	16,043.65	25,255.25	133,744.14
Van Buren Water District.....		102,500.00	7,299.97	333.33	11,150.00	16,147.44	137,430.74
Wilton Water Co.....	53,000.00	20,000.00	2,335.46		52,416.28	16,897.94	144,649.68
Winthrop Water District.....		100,000.00	9,500.13		4,826.00	761.45	115,087.58
Wiscasset Water Co.....	36,965.00	40,000.00		1,000.00	5,500.00	6,527.28	89,992.28
Woodland Light & Water Co.....	102,600.00		1,265.81		32,279.29	*462.29	135,682.81
Yarmouth Water District.....		63,500.00		411.56	23,650.00	76,562.24	164,123.80
York Shore Water Co.....	62,400.00	60,000.00	9,000.00	1,216.33	23,891.25	225,207.41	381,714.99
Totals.....	\$4,160,865.00	\$17,299,210.15	\$762,036.22	\$192,735.41	\$9,284,705.55	\$5,306,364.23	\$37,005,916.56

*Debit Balance

SCHEDULE NO. 37

Statement of the Income Account of Water Utilities, Year Ended December 31, 1928

NAME OF COMPANY	Operating revenues	Operating expenses	Taxes	Net revenue from other operations	Non-operating income	Gross income	Deductions from gross income	Net income
Auburn Water District.....	48,719.43	\$32,079.17			\$6,414.09	\$23,054.35	\$22,023.00	\$1,031.35
Augusta Water District.....	86,998.61	40,245.47	\$667.97		7,913.20	53,998.37	47,745.89	6,252.48
Bangor, City of, Water Dept.....	148,652.07	100,475.82	292.60		1,228.76	49,112.41	25,888.37	23,224.04
Bar Harbor Water Co.....	40,523.07	17,925.12	5,591.13		1,015.52	18,022.34	6,250.00	11,772.34
Bath Water District.....	66,586.34	39,360.25	48.02		2,294.80	29,472.87	27,856.24	1,616.63
Belfast Water District.....	24,519.41	15,870.49	100.80		765.93	9,314.05	7,950.00	1,364.05
Biddeford & Saco Water Co.....	167,295.89	58,349.31	8,886.21		3,987.95	104,048.32	41,142.10	62,906.22
Boothbay Harbor Water System.....	20,983.73	12,469.24			243.41	8,757.90	2,023.47	6,734.43
Brunswick & Topsham Water District.....	40,641.36	22,086.80			2,482.49	21,037.05	15,519.30	5,517.75
Calais Water & Power Co.....	47,381.74	24,589.45	8,320.37		2,489.44	16,961.36	3,200.00	13,761.36
Camden & Rockland Water Co.....	115,276.59	33,633.89	17,881.43		2,871.06	66,632.33	43,609.48	22,932.85
Caribou Water, Light & Power Co.....	20,594.43	7,626.93		\$39,562.21	7,285.49	59,815.20	29,611.97	30,203.23
Casco Bay Light & Water Co.....	20,834.41	10,183.41	1,318.41	22,617.79	311.62	32,262.00	15,957.12	16,304.88
Castine Water Co.....	10,272.95	4,699.65	1,496.75		150.00	4,226.55	4,106.41	120.14
Central Maine Power Co.....	14,309.72	3,493.78				10,815.94		10,815.94
Damariscotta Newcastle Water Co.....	15,274.20	7,090.06	1,609.97			6,574.17	5,200.40	1,373.77
Dexter Water Works.....	10,711.07	6,941.69			38.89	3,803.27	1,295.00	2,508.27
Dover & Foxcroft Water District.....	16,932.56	7,765.32		3,000.00	1,476.49	13,640.79	12,885.63	756.31
Eastport Water Co.....	24,242.05	10,538.12	862.02		243.72	17,085.63	9,966.41	3,119.22
Farmington Village Corporation.....	12,736.09	3,289.21			58.30	9,505.18	4,797.17	4,708.01
Frontier Water Co.....	13,791.43	9,009.67	1,162.80			3,618.96	2,623.11	995.85
Gardiner Water District.....	39,195.43	20,466.52			742.24	19,471.15	15,006.72	4,464.43
Greenville Water Co.....	13,349.04	6,651.14	1,038.11		364.32	6,044.11		6,044.11
Guilford Water Co.....	12,133.76	3,952.22	622.96		221.97	7,780.55	2,011.06	5,769.49
Hallowell Water District.....	11,025.12	4,674.96			17.56	6,367.72	4,644.33	1,723.39
Houlton Water Co.....	25,205.55	17,796.44	5.00		3,839.93	11,244.04	9,018.75	2,225.29
Kennebec Water District.....	131,114.61	56,270.79	1,260.58		130.78	73,714.02	60,176.36	13,537.66
Kennebunk, Kennebunkport & Wells Water District.....	87,302.87	38,365.40			886.09	49,823.56	48,634.74	1,188.82
Kittery Water Co.....	40,979.41	21,956.05			30.04	19,053.40	5,275.00	13,778.40
Lewiston Water Commission, City of.....	89,420.50	32,611.15			1,171.90	57,981.25	20,800.00	37,181.25
Lincoln Water Co.....	13,962.06	8,675.85	1,255.00		14.27	4,045.48		295.48
Lisbon Water Works.....	14,790.65	4,849.11			2,298.68	12,240.22	9,481.58	2,758.64
Livermore Falls Water District.....	19,676.44	11,843.14			689.75	8,523.05	4,760.00	3,763.05

SCHEDULE NO. 37—Concluded

Statement of the Income Account of Water Utilities, Year Ended December 31, 1928

NAME OF COMPANY	Operating revenues	Operating expenses	Taxes	Net revenue from other operations	Non-operating income	Gross income	Deductions from gross income	Net income
Machias Water Co.....	\$11,287.10	\$5,261.78	\$510.00		\$67.49	\$5,582.81	\$3,030.00	\$2,552.81
Madison Water District.....	18,342.18	3,795.61			572.00	15,118.57	6,261.10	8,857.47
Mexico Water Co.....	11,377.35	2,901.49	524.65			7,951.21	2,836.07	5,114.54
Millinocket Water Co.....	18,270.40	7,984.25	10.00		96.30	10,372.45	525.83	9,846.62
Milo Water Co.....	20,270.21	16,040.38	218.84	\$2,691.70		6,702.69	5,379.47	1,323.22
Northeast Harbor Water Co.....	13,453.36	7,244.39	1,566.97		2,633.98	7,275.98	900.00	6,375.98
Norway Water Co.....	16,124.35	8,949.51	1,576.25		395.72	5,994.31	1,822.42	4,171.89
Oakland Water Co.....	11,230.70	4,733.83	308.56		557.94	6,746.25	2,400.00	4,346.25
Old Town Water District.....	33,507.44	10,846.41	6,720.00		1,032.89	16,973.92	13,295.99	3,677.93
Penobscot County Water Co.....	85,068.85	37,600.90	22,551.94		1,243.83	26,159.84	31,095.30	*4,935.46
Pittsfield Water Works.....	10,719.22	7,898.01			104.95	2,926.16	1,374.60	1,551.56
Portland Water District.....	565,784.17	209,940.02	7,760.50		5,873.99	353,957.64	340,806.75	13,150.89
Presque Isle Water Co.....	23,711.22	11,004.83	1,652.13		973.54	12,027.80	4,567.01	7,460.79
Richmond Water Works.....	11,012.16	7,722.84	330.37		37.49	2,996.44	94.17	2,902.27
Rumford & Mexico Water District.....	43,618.23	19,185.32			3,368.60	27,801.51	17,870.00	9,931.51
Sanford Water Co.....	49,038.89	25,307.48	3,336.40		95.26	20,490.27	2,221.84	18,268.43
Skowhegan Water Co.....	24,312.46	10,602.79	230.04		211.92	13,691.55	3,767.84	9,923.71
So. Paris Village Corp., Water Works.....	11,511.00	3,892.43			195.33	7,813.90	1,710.00	6,103.90
Springvale Aqueduct Co.....	14,994.86	6,012.21	1,189.53			7,793.12	2,786.30	5,006.82
Van Buren Water District.....	13,125.84	6,108.30			89.51	7,107.05	5,113.50	1,993.55
Wilton Water Co.....	15,524.85	6,592.14	632.86		45.21	8,345.06	1,081.00	7,264.06
Winthrop Water District.....	10,289.36	4,832.53				5,456.83	4,690.16	766.67
Wiscasset Water Co.....	11,368.90	4,515.57	2,465.00		97.62	4,485.95	2,046.04	2,439.91
Woodland Light & Water Co.....	11,031.45	13,764.93	1,075.57	4,243.34	830.82	1,265.11	205.19	1,059.92
Yarmouth Water District.....	15,976.76	9,574.25			925.14	7,327.65	4,287.25	3,040.40
York Shore Water Co.....	39,299.92	12,774.03	6,456.03		2,626.92	22,696.78	3,420.00	19,276.78
Totals.....	\$2,575,683.82	\$1,160,901.85	\$111,538.71	\$72,115.04	\$73,750.14	\$1,449,108.44	\$976,856.89	\$472,251.55

*Loss

SCHEDULE NO. 38

Statement of the Operating Revenues of Water Utilities, Year Ended December 31, 1928

NAME OF COMPANY	Commercial sales	Industrial sales	Street sprinkling sales	Earnings from hydrant rentals	Miscellaneous revenues	Total operating revenues
Auburn Water District.....	\$41,031.76	\$7,687.67				\$48,719.43
Augusta Water District.....	80,775.61		\$268.00	\$5,910.00	\$45.00	86,998.61
Bangor, City of, Water Dept.....	117,163.08	17,814.49	2,060.00	11,002.50	612.00	148,652.07
Bar Harbor Water Co.....	36,323.20	99.87	1,375.00	2,725.00		40,523.07
Bath Water District.....	50,360.53	7,634.79		8,591.02		66,586.34
Belfast Water District.....	20,089.56	3,388.58		980.00	61.27	24,519.41
Biddeford & Saco Water Co.....	116,484.06	10,045.67		40,352.34	413.82	167,295.89
Boothbay Harbor Water System.....	19,630.19	1,353.54				20,983.73
Brunswick & Topsham Water District.....	36,253.86			4,372.50	15.00	40,641.36
Calais Water & Power Co.....	33,955.93			13,425.81		47,381.74
Camden & Rockland Water Co.....	82,152.12	22,036.80		7,870.00	3,217.67	115,276.59
Caribou Water, Light & Power Co.....	16,214.47	257.61		4,050.00	72.35	20,594.43
Casco Bay Light & Water Co.....	17,747.08			3,087.33		20,834.41
Castine Water Co.....	8,267.95			2,005.00		10,272.95
Central Maine Power Co.....	8,253.89	3,119.14		2,936.69		14,309.72
Damariscotta Newcastle Water Co.....	10,361.53	1,511.76		2,835.00	565.91	15,274.20
Dexter Water Works.....	10,711.07					10,711.07
Dover & Foxcroft Water District.....	15,096.12	1,216.65		480.00	139.79	16,932.56
Eastport Water Co.....	14,943.46	4,315.27		4,983.32		24,242.05
Farmington Village Corporation.....	11,526.62	1,209.47				12,736.09
Frontier Water Co.....	9,694.69	250.00	26.14	2,875.00	945.60	13,791.43
Gardiner Water District.....	31,270.34	3,575.09	125.00	4,225.00		39,195.43
Greenville Water Co.....	7,494.96	2,798.97		3,055.11		13,349.04
Guilford Water Co.....	7,596.18	568.99	1,141.03	1,927.56	900.00	12,133.76
Hallowell Water District.....	9,525.12			1,500.00		11,025.12
Houlton Water Co.....	21,105.55			4,100.00		25,205.55
Kennebec Water District.....	93,512.05	27,080.11	89.55	10,375.00	57.90	131,114.61
Kennebunk, Kennebunkport & Wells Water District.....	73,038.03	4,006.80		10,258.04		87,302.87
Kittery Water District.....	14,928.04	23,551.37		2,500.00		40,979.41
Lewiston Water Commission, City of.....	73,436.56	15,983.94				89,420.50
Lincoln Water Co.....	7,896.95	1,729.52	35.59	4,300.00		13,962.06
Lisbon Water Works.....	7,230.65			7,560.60		14,790.65
Livermore Falls Water District.....	17,340.94			1,987.50	348.00	19,676.44
Machias Water Co.....	8,088.93	151.40	594.27	2,452.50		11,287.10
Madison Water District.....	13,286.82	190.36		4,865.00		18,342.18

SCHEDULE NO. 38—Concluded

Statement of the Operating Revenues of Water Utilities, Year Ended December 31, 1928

NAME OF COMPANY	Commercial sales	Industrial sales	Street sprinkling sales	Earnings from hydrant rentals	Miscellaneous revenues	Total operating revenues
Mexico Water Co.....	\$10,014.18			\$1,230.00	\$133.17	\$11,377.35
Millinocket Water Co.....	14,929.46	\$605.04	\$54.29	2,199.99	481.62	18,270.40
Milo Water Co.....	14,990.21			5,280.00		20,270.21
Northeast Harbor Water Co.....	13,453.36					13,453.36
Norway Water Co.....	12,797.08	1,048.15		2,279.12		16,124.35
Oakland Water Co.....	8,671.85	763.85		1,795.00		11,230.70
Old Town Water District.....	23,861.14	3,309.80		6,210.00	126.50	33,507.44
Penobscot County Water Co.....	62,542.58	6,269.70		15,968.75	287.82	85,068.85
Pittsfield Water Works.....	7,990.30	728.92		2,000.00		10,719.22
Portland Water District.....	419,157.17	112,688.49	62.26	19,565.00	14,311.25	565,784.17
Presque Isle Water Co.....	17,899.95	1,677.11		4,097.48	36.68	23,711.22
Richmond Water Works.....	7,627.66			3,175.00	209.50	11,012.16
Rumford & Mexico Water District.....	29,742.32	3,745.91	10,130.00			43,618.23
Sanford Water Co.....	40,153.55	5,552.34		3,333.00		49,038.89
Skowhegan Water Co.....	18,697.13	2,750.34		2,864.99		24,312.46
So. Paris Village Corp., Water Works.....	7,556.04	1,904.96		2,050.00		11,511.00
Springvale Aqueduct Co.....	12,753.96	274.43		1,966.47		14,994.86
Van Buren Water District.....	10,560.84			2,565.00		13,125.84
Wilton Water Co.....	10,915.86	2,538.99		2,070.00		15,524.85
Winthrop Water District.....	7,743.37			2,150.00	395.99	10,289.36
Wiscasset Water Co.....	4,966.09	1,493.74		4,860.00	49.07	11,368.90
Woodland Light & Water Co.....	8,331.45			2,700.00		11,031.45
Yarmouth Water District.....	11,927.47	1,009.29		3,040.00		15,976.76
York Shore Water Co.....	36,543.67			2,756.25		39,299.92
Totals.....	\$1,956,614.59	\$307,938.92	\$15,961.13	\$271,743.27	\$23,425.91	\$2,575,683.82

SCHEDULE NO. 39

Statement of Operating Expenses, Water Utilities, Year Ended
December 31, 1928

NAME OF COMPANY	Pumping expense operation	Water purchased	Pumping expense maintenance
Auburn Water District.....	\$6,157.54		\$2,434.77
Augusta Water District.....	3,006.30		2,008.98
Bangor, City of, Water Dept.....	13,227.50		6,154.55
Bar Harbor Water Co.....			
Bath Water District.....	14,001.96		533.82
Belfast Water District.....	3,587.33		1,692.39
Biddeford & Saco Water Co.....	17,070.24		472.80
Boothbay Harbor Water System.....	4,299.26		244.47
Brunswick & Topsham Water District.....	7,351.98		491.77
Calais Water & Power Co.....	15.00	\$8,240.78	193.63
Camden & Rockland Water Co.....	250.14		
Caribou Water, Light & Power Co.....	557.50		22.98
Casco Bay Light & Water Co.....	133.17	4,500.00	70.89
Castine Water Co.....	444.79		574.18
Central Maine Power Co.....	2,384.62		143.41
Damariscotta Newcastle Water Co.....	1,045.68		91.80
Dexter Water Works.....	2,172.60		48.49
Dover & Foxcroft Water District.....			81.00
Eastport Water Co.....	3,771.70		435.92
Farmington Village Corporation.....			
Frontier Water Co.....	663.16		802.81
Gardiner Water District.....	2,278.01		70.18
Greenville Water Co.....	7.50		
Guilford Water Co.....	19.17		59.00
Hallowell Water District.....	491.18	592.32	
Houlton Water Co.....	7,978.63		606.67
Kennebec Water District.....	6,378.90		5,022.89
Kennebunk, Kennebunkport & Wells Water Dist.....	14,919.86		858.46
Kittery Water District.....			94.00
Lewiston Water Commission, City of.....	10,434.51		769.45
Lincoln Water Co.....	54.90		255.55
Lisbon Water Works.....	2,929.69		267.46
Livermore Falls Water District.....	1,718.08		228.72
Machias Water Co.....	2,091.55		128.47
Madison Water District.....			
Mexico Water Co.....	789.38		
Millinocket Water Co.....			
Milo Water Co.....	3,551.29		267.53
Northeast Harbor Water Co.....	491.74		4.32
Norway Water Co.....	1,374.78		198.42
Oakland Water Co.....	650.00		
Old Town Water District.....	4,796.60		198.87
Penobscot County Water Co.....	11,879.42		368.08
Pittsfield Water Works.....	1,103.56		771.63
Portland Water District.....	1,379.26		260.05
Presque Isle Water Co.....	2,368.06		226.84
Richmond Water Works.....	2,300.56		302.58
Rumford & Mexico Water District.....			
Sanford Water Co.....	12,296.12		291.89
Skowhegan Water Co.....	2,326.00		510.58
So. Paris Village Corp., Water Works.....			
Springvale Aqueduct Co.....	380.25		
Van Buren Water District.....	277.28		141.29
Wilton Water Co.....			25.25
Winthrop Water District.....	703.58		
Wiscasset Water Co.....	777.44		22.31
Woodland Light & Water Co.....		3,381.30	
Yarmouth Water District.....	1,170.27	120.50	78.22
York Shore Water Co.....	2.00		86.56
Totals.....	\$178,060.04	\$16,834.90	\$28,613.93

SCHEDULE NO. 39

Water Operating Expenses—Continued

Purification expense operation	Purification expense maintenance	Distribution operation	Distribution maintenance	Commercial expense	General and miscellaneous expense	Total operating expenses
.....	\$332.12	\$713.37	\$3,240.45	\$2,451.01	\$16,749.88	\$32,079.17
\$421.90	225.20	2,917.11	4,422.59	2,470.52	25,440.84	40,913.44
16,613.35	2,312.43	10,158.22	15,262.16	7,044.56	29,995.65	100,768.42
120.38	184.87	13.36	7,894.56	3,138.23	12,164.85	23,516.25
140.07	515.68	133.05	6,310.28	6,468.08	11,305.33	39,408.27
1,164.56	279.00	393.09	3,459.69	589.91	4,805.32	15,971.29
5,113.41	217.39	3,058.56	4,094.78	9,175.77	28,052.57	67,235.52
.....	.....	.....	2,537.78	299.35	5,088.38	12,469.24
57.20	.....	690.46	1,900.53	1,426.31	10,168.55	22,086.80
.....	.....	1,438.10	2,574.14	5,210.44	15,237.73	32,909.82
151.29	.....	2,386.45	5,088.54	5,140.51	38,498.39	51,515.32
306.48	1.80	613.02	702.39	1,087.50	4,335.26	7,626.93
.....	.....	270.16	1,125.40	645.07	4,757.13	11,501.82
10.91	.....	241.72	755.47	.....	4,169.33	6,196.40
56.51	.....	263.34	645.90	.....	.....	3,493.78
.....	.....	564.71	916.04	.....	6,081.80	8,700.03
32.22	.....	.....	2,363.09	2,053.79	271.50	6,941.69
8.81	.....	555.72	437.78	1,868.63	4,816.32	7,768.26
171.22	.....	518.14	414.48	508.65	5,508.03	11,400.14
.....	.....	.....	2,635.56	653.65	.....	3,289.21
105.21	.....	.....	1,986.90	2,388.49	4,225.90	10,172.47
1,716.89	27.16	2,011.23	3,208.24	.....	11,154.81	20,466.52
.....	.....	525.07	845.95	1,139.44	5,151.29	7,669.25
3.30	.....	93.66	1,700.43	1,115.26	1,584.36	4,575.18
236.88	.....	.....	1,561.23	.....	1,793.35	4,674.96
299.03	110.55	288.88	1,127.17	1,329.79	6,060.72	17,801.44
2,281.30	18.99	4,088.92	6,767.06	3,422.81	29,550.50	57,531.37
1,634.64	141.57	170.03	7,975.54	2,707.37	9,957.93	38,365.40
.....	.....	.....	3,722.60	.....	18,139.45	21,966.05
1,585.68	.....	3,816.05	8,709.33	4,384.14	2,911.99	32,611.15
10.06	.....	.....	4,592.00	1,424.80	3,593.54	9,930.85
.....	.....	60.50	155.46	1,065.50	370.50	4,849.11
.....	.....	.....	2,991.47	.....	6,904.87	11,843.14
86.07	.....	265.29	252.87	1,830.00	1,117.53	5,771.78
.....	.....	14.08	289.50	.....	3,492.03	3,795.61
.....	.....	.....	797.75	.....	1,839.01	3,426.14
.....	.....	10.66	85.90	1,895.68	6,002.01	7,994.25
108.18	226.73	149.86	867.52	.....	11,088.11	16,259.22
74.46	77.40	.....	457.23	36.22	7,669.99	8,811.36
104.35	161.63	453.05	488.19	697.88	7,047.46	10,525.76
66.15	.....	.....	190.16	650.00	3,486.08	5,042.39
1,692.55	214.03	760.77	725.49	1,397.42	7,780.68	17,566.41
1,493.29	59.27	2,353.37	2,381.75	3,875.73	37,741.93	60,152.84
56.48	.....	169.19	1,661.15	184.00	3,952.00	7,898.01
5,392.34	372.16	12,460.00	36,417.76	31,170.78	130,248.17	217,700.52
128.12	22.18	945.63	1,024.44	3,626.18	4,315.51	12,656.96
352.50	74.44	855.85	1,604.61	875.90	1,686.77	8,053.21
.....	.....	183.44	2,334.55	.....	16,667.33	19,185.32
36.20	.....	402.68	1,541.78	.....	14,075.21	28,643.88
76.71	41.86	38.34	1,182.78	82.75	6,573.81	10,832.83
261.48	123.91	.....	1,939.14	.....	1,567.90	3,892.43
200.20	.....	6.50	797.77	370.85	5,446.17	7,201.74
140.48	.....	.....	588.98	36.02	4,924.25	6,108.30
.....	.....	.....	712.61	1,000.59	5,486.55	7,225.00
58.50	.....	.....	412.43	.....	3,658.02	4,832.53
485.44	13.08	54.73	574.19	.....	5,053.38	6,980.57
2,611.45	736.42	.....	153.61	.....	7,957.72	14,840.50
10.30	.....	32.36	1,093.20	152.68	6,916.72	9,574.25
.....	.....	867.65	86.83	2,510.44	15,676.58	19,230.06
\$45,676.55	\$6,489.87	\$55,986.37	\$170,787.21	\$119,602.70	\$650,388.99	\$1,272,440.56

TABULATED STATEMENTS

COMPILED FROM THE

Reports of
Electric Companies

FOR THE

Year Ended December 31, 1929

SCHEDULE NO. 1

Statement of Assets, Electric Utilities, Year Ended December 31, 1929

NAME OF COMPANY	Fixed capital	Other fixed capital	Total fixed capital	Current assets	Misc. assets	Unadjusted debits	Total assets
Androscoggin Electric Co.....	\$6,275,578.84	\$1,387,661.70	\$7,663,240.54	\$350,326.11	\$20,636.21	\$101,291.25	\$8,135,494.11
Armstrong Stillman.....	19,661.30		19,661.30	1,391.34			21,052.64
Bangor Hydro Electric Company.....	14,215,707.77		14,215,707.77	1,226,214.54	77,314.51	59,359.72	15,578,596.54
Berwick & Salmon Falls Electric Co., The.....	541,803.24		541,803.24	12,452.29		22,097.00	576,352.53
Bridgewater Electric Co.....	8,186.09		8,186.09	2,549.93			10,736.02
Bryant's Pond Electric Light Co.....	11,205.39		11,205.39	715.99			11,921.38
Caribou Water, Light & Power Co.....	381,728.78	205,630.08	587,358.86	79,326.65		11,943.96	678,629.47
Carrabassett Light & Power Co.....	21,675.19		21,675.19	5,417.83			27,093.02
Casco Bay Light & Water Co.....	329,662.01	342,779.58	672,441.59	12,303.60	13,571.50	24,362.89	722,679.58
Central Maine Power Co.....	38,334,837.16	2,111,519.18	40,446,356.34	4,488,598.63	2,760,994.43	2,905,537.24	50,601,486.64
Clark Power Co.....	211,108.34		211,108.34	10,287.87			221,396.21
Colby Light & Power Co.....	30,887.82		30,887.82	4,555.83			35,443.65
Consumers' Electric Co.....	15,932.04		15,932.04	576.00			16,508.04
Cornish & Kezar Falls Light & Power Co.....	148,878.64		148,878.64	16,507.03	358.16		165,743.83
Crawford Electric Co.....	17,975.83		17,975.83	2,288.13			20,263.96
Cumberland County Power & Light Co.....	17,026,878.22	211,888.01	17,238,766.23	1,355,368.89	532,320.30	1,445,744.69	20,572,200.11
Danforth Electric Co. (Leased Line).....				7,822.45	3,465.03		11,287.48
Dennistown Power Co.....	97,304.91		97,304.91	8,038.55	849.24		106,192.70
Farmers Electric Co.....	26,341.85		26,341.85	1,289.82			27,631.67
Farmington Falls Electric Co.....	58,394.27		58,394.27	4,367.77	207.40	3,249.88	66,219.32
Fort Fairfield Light & Power Co.....	115,827.79		115,827.79	28,479.78			144,307.57
Franklin Light & Power Co. 1/1/29-6/30/29.....	418,532.35		418,532.35	48,158.55			466,690.90
Hampden & Newburg Light & Power Co.....	29,645.73		29,645.73	2,377.01			32,022.74
Houlton Water Co., (Electric Dept.).....	155,918.53		155,918.53	61,445.51	17,324.86		234,688.90
International Power Co.....	50,000.00		50,000.00	190,103.55			240,103.55
Kennebunk Electric Light Dept.....	128,626.74		128,626.74	15,160.15			143,786.89
Limestone Electric Co.....	42,669.94		42,669.94	5,204.28			47,874.22
Livermore Falls Light & Power Co.....	190,046.33		190,046.33	36,642.27	3,682.81		230,371.41
Lubec Electric Department.....	102,476.31		102,476.31	2,532.32			105,008.63
Madison Village Corporation (Electric Dept.).....	139,399.95		139,399.95	31,558.67	316.38		171,275.00
Maine Public Service Co.....	2,456,111.42		2,456,111.42	293,507.17	4,145.35	10,404.84	2,764,168.78
Maine Consolidated Power Co. 7/1/29-12/31/29.....	433,078.80		433,078.80	49,294.47			482,373.27
Mallison Power Co.....	328,538.06		328,538.06	17,310.13	44,042.96	2,044.95	391,936.10
Mars Hill Electric Co.....	27,880.21		27,880.21	14,890.84	6,000.00		48,771.05
Monson Light & Power Co.....	8,731.82		8,731.82	1,281.50		2,743.93	12,757.25
Monticello Electric Co.....	8,416.10		8,416.10	2,651.62	1,000.00		12,067.72
Mount Vernon Light & Power Co.....	11,577.46		11,577.46	644.48	85.24		12,307.18

SCHEDULE NO. 1—Continued

Statement of Liabilities, Electric Utilities, Year Ended December 31, 1929

NAME OF COMPANY	Capital stock	Long term debt	Current liabilities	Accrued liabilities	Unadjusted credits	Surplus	Total liabilities
Androscoggin Electric Co.....	\$2,000,000.00	\$4,646,500.00	\$572,417.60	\$126,300.49	\$503,254.70	\$287,021.32	\$8,135,494.11
Armstrong, Stillman.....	118,547.49				2,505.15		21,052.64
Bangor Hydro Electric Co.....	9,531,214.24	4,136,500.00	153,006.75	106,239.79	769,145.10	882,490.66	15,578,596.54
Berwick & Salmon Falls Electric Co., The.....	244,250.00	269,209.93	3,852.58	6,390.25	20,433.18	32,716.59	576,352.53
Bridgewater Electric Co.....	5,600.00				1,923.14	3,212.88	10,736.02
Bryant's Pond Electric Light Co.....	10,000.00					1,921.38	11,921.38
Caribou Water, Light & Power Co.....	50,300.00	155,000.00	205,433.56	775.00	153,940.38	113,180.53	678,629.47
Carrabassett Light & Power Co.....	10,000.00		5,560.00		4,183.53	7,349.49	27,093.02
Casco Bay Light & Water Co.....	350,000.00	213,500.00	73,382.88	3,211.64	45,702.75	36,882.31	722,679.58
Central Maine Power Co.....	20,072,536.20	22,137,500.00	5,487,644.57	266,527.56	1,383,371.48	1,253,906.83	50,601,486.64
Clark Power Co.....	10,000.00		171,414.00		41,124.64	*1,142.43	221,396.21
Colby Light & Power Co.....	2,600.00		5,340.67		20,981.89	6,521.09	35,443.65
Consumers' Electric Co.....	13,025.00		847.32			2,635.72	16,508.04
Cornish & Kezar Falls Light & Power Co.....	50,000.00		20,068.78		27,228.62	68,446.43	165,743.83
Crawford Electric Co.....	11,000.00				2,282.72	6,981.24	20,263.96
Cumberland County Power & Light Co.....	6,949,400.00	8,815,000.00	1,017,654.75	282,046.11	1,586,203.75	1,921,895.50	20,572,200.11
Danforth Electric Co.....	600.00		6,096.67			4,590.81	11,287.48
Dennistown Power Co.....	84,000.00		18,479.73		635.75	3,077.22	106,192.70
Farmers Electric Co.....	17,900.00		7,192.90		906.50	1,632.27	27,631.67
Farmington Falls Electric Co.....	21,200.00		41,292.04	143.50	9,018.42	*5,434.64	66,219.32
Fort Fairfield Light & Power Co.....	21,000.00		26,862.03		59,596.66	36,848.88	144,307.57
Franklin Light & Power Co. 1/1/29-6/30/29	916,100.00	209,600.00	108,682.88	510.84		*768,202.82	466,690.90
Hampden & Newburg Light & Power Co.....	23,245.00		6,576.28			2,201.46	32,022.74
Houlton Water Company (Electric Dept.).....			3,890.47		63,509.54	167,288.89	234,688.90
International Power Co.....	100,000.00				136.56	139,966.99	240,103.55
Kennebunk Electric Light Dept.....			7,644.00		4,000.00	132,142.89	143,786.89
Limestone Electric Co.....	127,842.09	5,000.00			10,767.95	4,264.18	47,874.22
Livermore Falls Light & Power Co.....	80,000.00	50,000.00	4,330.91	998.82	54,182.92	40,858.76	230,371.41
Lubec Electric Dept.....		26,891.16	10,000.00		24,837.77	43,279.70	105,008.63
Madison Village Corporation (Electric Dept.).....			1,533.71		30,160.45	139,580.84	171,275.00
Maine Public Service Co.....	730,300.00	1,167,794.11	17,820.97	58,615.32	349,920.27	439,718.11	2,764,168.78
Maine Consolidated Power Co.....	118,000.00	300,000.00	35,934.37		4,921.70	23,517.20	482,373.27
Mallison Power Co.....	99,900.00	125,000.00	1,185.75	3,920.32	27,754.76	134,175.27	391,936.10
Mars Hill Electric Co.....	10,000.00		1,281.26		8,033.75	29,456.04	48,771.05
Monson Light & Power Co.....	10,000.00				6,179.38	*3,422.13	12,757.25
Monticello Electric Co.....	2,950.00				5,061.86	4,055.86	12,067.72
Mount Vernon Light & Power Co.....	4,650.00		3,176.56	66.75	1,653.89	2,759.98	12,307.18

PUBLIC UTILITIES COMMISSION REPORT

SCHEDULE NO. 1—Concluded
Statement of Assets, Electric Utilities, Year Ended December 31, 1929

NAME OF COMPANY	Fixed capital	Other fixed capital	Total fixed capital	Current assets	Misc. assets	Unadjusted debits	Total assets
New Sweden Light & Power Co.	\$37,985.03		\$37,985.03	\$3,722.27			\$41,707.30
Oquossoc Light & Power Co.	106,169.98		106,169.98	10,060.28		\$433.47	116,663.73
Penobscot Power Co.	910,992.90		910,992.90	15,508.12	\$3,117.24	2,078.44	931,696.70
Phillips Electric Light & Power Co.	21,386.34		21,386.34	4,270.95			25,657.29
Princeton Electric Light Dept.	30,743.70		30,743.70	1,031.59			31,775.29
Rumford Falls Light & Water Co.	363,692.12		363,692.12	110,746.97	2,277.67	750.00	477,466.76
Shore Line Electric Co., The.	179,945.19		179,945.19	8,444.18	29.34		188,418.71
Squirrel Island Village Corporation.	3,911.67		3,911.67				3,911.67
St. Croix Gas Light Co.	305,931.51		305,931.51	58,744.64	1,400.00	618.17	366,694.32
Stonington & Deer Isle Power Co.	50,346.26		50,346.26	6,518.90		1,500.00	58,365.16
Stratton Light Co.	34,236.33		34,236.33	4,143.89			38,380.22
C. O. Sturtevant.	28,035.59		28,035.59	1,456.20			29,491.79
Turner Light & Power Co.	91,103.40		91,103.40	18,815.39	158.96	700.00	110,777.75
Van Buren Light & Power District.	62,234.98		62,234.98	15,895.11	11,322.63		89,952.72
Vinalhaven Light & Power Co.	94,132.92		94,132.92	12,862.03	623.06	700.00	108,318.01
Washburn Electric Co.	49,464.79		49,464.79	15,817.16	307.20	4,416.25	70,005.40
Waterford Light & Power Co., Inc.	14,858.73		14,858.73	381.33			15,240.06
Woodland Light & Water Co.	19,511.33	93,522.14	113,033.47	5,389.34	24,315.00		142,737.81
Totals	\$84,825,908.00	\$4,353,000.69	\$89,178,908.69	\$8,685,449.90	\$3,530,365.48	\$4,599,976.68	\$105,994,700.75

SCHEDULE NO. 1—Concluded
Statement of Liabilities, Electric Utilities, Year Ended December 31, 1929

NAME OF COMPANY	Capital stock	Long term debt	Current liabilities	Accrued liabilities	Unadjusted credits	Surplus	Total liabilities
New Sweden Light & Power Co.....	11,400.00		5,111.33		16,353.15	8,842.82	41,707.30
Oquossoc Light & Power Co.....	35,750.00	18,000.00		270.00	40,219.60	22,424.13	116,663.73
Penobscot Power Co.....	300,000.00		554,597.35		76,463.27	636.08	931,696.70
Phillips Electric Light & Power Co.....	4,175.00	2,000.00	513.87		8,985.68	9,982.74	25,657.29
Princeton Electric Light Dept.....	117,777.32		9,600.00			4,397.97	31,775.29
Rumford Falls Light & Water Co.....	300,000.00		19,567.98	5,961.57	119,422.53	32,514.68	477,466.76
Shore Line Electric Co., The.....	61,600.00		101,961.03	367.53	17,757.17	6,732.98	188,418.71
Squirrel Island Village Corporation.....						3,911.67	3,911.67
St. Croix Gas Light Co.....	199,800.00		39,709.39		22,283.00	104,901.93	366,694.32
Stonington & Deer Isle Power Co.....	11,000.00		36,087.65		7,899.54	3,377.97	58,365.16
Stratton Light Co.....	15,000.00	8,000.00	2,436.60		2,694.07	10,249.55	38,380.22
C. O. Sturtevant.....			27,507.36		560.96	1,423.47	29,491.79
Turner Light & Power Co.....	19,200.00	25,000.00	63,598.18	750.00	19,798.60	*17,569.03	110,777.75
Van Buren Light & Power District.....		35,000.00	3,976.93	583.31	7,500.00	42,892.48	89,952.72
Vinalhaven Light & Power Co.....	41,950.00	12,500.00	374.35		21,483.73	31,509.93	108,318.01
Washburn Electric Co.....	1,400.00		17,631.69		16,778.10	34,195.61	70,005.40
Waterford Light & Power Co., Inc.....	7,150.00		1,000.00		2,767.84	4,322.22	15,240.06
Woodland Light & Power Co.....	102,600.00		1,719.45		37,918.50	499.86	142,737.81
Totals.....	\$42,724,962.34	\$42,357,995.20	\$8,903,997.15	\$863,678.80	\$5,642,444.90	\$5,501,622.36	\$105,994,700.75

†Proprietors' Account.

*Debit Balance.

SCHEDULE NO. 2

Statement of the Income Account of Electric Utilities, Year Ended December 31, 1929

NAME OF COMPANY	Operating revenues	Operating expenses	Taxes	Net revenue from operations	Net revenue from other operations	Non-operating income	Gross income	Deductions from gross income	Net income
Androscoggin Electric Co.....	\$925,237.57	\$386,275.91	\$62,333.35	\$476,628.31	\$12,254.77	\$19,210.21	\$508,093.29	\$277,975.03	\$230,118.26
Armstrong, Stillman.....	7,227.71	6,487.25		740.46			740.46		740.46
Bangor Hydro Electric Co.....	1,572,233.93	539,769.04	142,029.72	890,435.17	68,195.26	133,213.85	1,091,844.28	293,487.43	798,356.85
Berwick & Salmon Falls El. Co..	85,580.79	45,375.40	9,072.58	31,132.81		*6.86	31,125.95	14,002.81	17,123.14
Bridgewater Electric Co.....	3,173.80	2,255.85	57.50	860.95			915.67		915.67
Bryant's Pond Electric Light Co.	4,779.51	2,400.86	158.20	2,220.45			2,220.45		2,220.45
Caribou Water, L. & Pr. Co.....	81,100.03	33,602.00	2,514.00	44,984.03	8,695.08		8,635.40	62,314.51	22,797.42
Carrabassett Light & Power Co..	9,334.75	7,869.61	345.00	1,120.14		200.00	1,320.14	256.75	1,063.39
Casco Bay Light & Water Co.....	47,649.66	27,184.29		20,465.37	4,649.10	1,001.24	26,115.75	15,165.36	10,950.35
Central Maine Power Co.....	4,065,977.16	1,656,458.60	375,804.04	2,033,714.52	70,993.28	507,243.97	2,611,951.77	833,278.69	1,778,673.08
Clark Power Co.....	29,863.98	26,230.88	1,521.60	2,111.50		10.95	2,122.45	1,196.53	925.92
Colby Light & Power Co.....	12,530.63	13,185.95	95.00	*750.32		69.80	*680.52	202.45	*882.97
Consumers' Electric Co.....	3,646.97	2,661.45	315.00	670.52		4.68	675.20		675.20
Cornish & Kezar Falls L. & P. Co.	21,892.33	10,937.27		10,955.06		1,266.50	12,221.56	1,085.43	11,136.13
Cumford Electric Co.....	3,151.50	2,390.85		760.65		116.09	876.74		876.74
Danforth County P. & L. Co.....	3,119,581.44	1,364,153.14	274,918.72	1,480,509.58	202,662.98	56,850.90	1,740,023.46	856,770.08	883,244.38
Danforth Electric Co.....	10,747.76	11,602.61	129.96	*984.81		3.95	*980.86	1,341.43	*2,322.29
Denminston Power Co.....	13,396.28	9,359.50	560.33	3,476.45		991.94	4,468.39	215.34	4,250.05
Farmers Electric Co.....	3,213.99	1,508.29	109.00	1,601.70			1,601.70	420.25	1,181.45
Farmington Falls Electric Co.....	10,270.51	10,487.44	296.10	*513.03			*513.03	1,396.57	*1,909.60
Fort Fairfield Light & Power Co..	55,249.17	49,893.99	1,772.55	3,582.33		3,618.51	7,200.84	1,156.13	6,044.71
Franklin Light & Power Co.....	63,879.66	52,267.44	3,550.51	8,061.71		1,837.66	9,899.37	9,121.15	778.22
Hamden & Newburg L. & Pr. Co.	5,101.87	1,860.19	20.60	3,221.08			3,221.08	422.52	2,798.56
Houlton Water Co. (El. Dept.)...	106,100.13	89,012.24		17,087.79		2,432.50	19,520.29		19,520.29
International Power Co.....	10,429.93	7,421.04	825.77	2,183.12		39.08	2,222.20	1,861.44	360.76
Kennebunk Electric Light Dept...	37,725.57	29,484.97	92.09	8,148.51		1.88	8,149.89	220.84	7,929.05
Limestone Electric Co.....	19,575.32	18,105.16	530.60	939.56			939.56	330.00	609.56
Livermore Falls L. & Pr. Co.....	55,837.01	29,066.08	6,675.51	23,704.06		1,402.85	25,106.91	3,075.80	22,031.11
Lubeck Electric Dept.....	24,267.29	22,564.71	71.29	1,631.29		118.56	1,749.85		1,749.85
Madison Village Corp. (El. Dept.)	41,486.29	37,628.80	675.51	3,181.98		2,875.22	6,057.20	93.25	5,963.95
Maine Public Service Co.....	452,548.29	215,224.35	22,029.97	215,293.97	206.90	2,586.96	218,087.83	61,218.67	156,869.16
Maine Consolidated Power Co.....	73,361.75	62,271.91	463.08	10,626.76		2,738.11	13,364.87	19,744.85	*6,379.98
Mallison Power Co.....	47,176.37	25,046.40	5,590.53	16,539.44		2,877.32	19,416.76	16,018.39	3,398.37
Mars Hill Electric Co.....	18,058.57	15,475.29	330.50	2,252.78		862.97	3,115.75		3,115.75

*Loss

SCHEDULE NO. 2—Concluded

Statement of the Income Account of Electric Utilities, Year Ended December 31, 1929

NAME OF COMPANY	Operating revenues	Operating expenses	Taxes	Net revenue from operations	Net revenue from other operations	Non-operating income	Gross income	Deductions from gross income	Net income
Monson Light & Power Co.....	\$7,409.50	\$5,158.78		\$2,250.72			\$2,250.72	\$2,249.04	\$1.68
Monticello Electric Co.....	3,683.30	2,748.92		934.38		\$347.65	1,282.03		1,282.03
Mount Vernon Light & Power Co.	4,172.93	4,645.47	\$350.00	*822.54			*822.54	85.50	*908.04
New Sweden Light & Power Co...	8,725.45	9,566.33	159.00	*999.88		219.54	*780.34	178.96	*959.30
Oquossoc Light & Power Co.....	30,840.41	22,403.27		8,437.14		207.15	8,644.29	1,291.96	7,352.33
Penobscot Power Co.....	158,975.86	43,792.47	12,686.14	102,497.25		593.98	103,091.23	30,600.00	72,491.23
Phillips Electric L. & Power Co...	9,498.20	8,717.14	335.50	445.56		570.43	1,015.99	183.61	832.38
Princeton Electric Light Dept....	5,000.56	4,182.09		818.47			818.47	480.00	338.47
Rumford Falls L. & Water Co....	183,522.94	132,034.72	4,495.69	46,992.53		6,573.73	53,566.26	6,156.18	47,410.08
Shore Line Electric Co., The.....	35,891.00	25,654.33	1,100.00	9,136.67		404.46	9,541.13	6,000.27	3,540.86
Squirrel Island Village Corp.....	3,100.48	1,564.26		1,536.22			1,536.22	1,586.00	*49.78
St. Croix Gas Light Co.....	63,231.95	35,423.44	3,885.21	23,923.30		169.29	24,092.59	1,864.62	22,227.97
Stonington & Deer Isle Power Co.	16,501.05	13,701.67	538.03	2,261.35		183.01	2,444.36	1,850.76	593.60
Stratton Light Co.....	7,158.74	4,184.45	172.90	2,801.39		345.44	3,146.83	729.54	2,417.29
C. O. Sturtevant.....	5,394.65	2,501.18		2,893.47			2,893.47	1,470.00	1,423.47
Turner Light & Power Co.....	19,238.97	9,575.03	732.60	8,931.34		1,349.49	10,280.83	4,496.80	5,784.03
Van Buren L. & Pr. District.....	26,966.75	22,689.84		4,276.91			4,704.19	1,875.00	2,829.19
Vinalhaven Light & Power Co....	37,774.84	32,349.34	1,107.52	4,317.98			5,838.55	1,149.73	4,688.82
Washburn Electric Co.....	20,273.94	18,065.87	1,294.01	914.06		2,112.46	3,026.52	1,283.51	1,743.01
Waterford Light & Pr. Co., Inc...	4,131.36	3,423.13	143.75	564.48			564.48	40.00	524.48
Woodland Light & Water Co.....	12,716.17	8,975.96	211.66	3,528.55	*\$3,657.01	1,090.61	962.15		962.15
Totals.....	\$11,705,596.57	\$5,226,871.05	\$936,492.28	\$5,542,233.24	\$364,000.36	\$766,373.55	\$6,672,607.15	\$2,496,438.09	\$4,176,169.06

*Loss

PUBLIC UTILITIES COMMISSION REPORT

SCHEDULE NO. 3

Statement of the Operating Revenues of Electric Utilities, Year Ended December 31, 1929

NAME OF COMPANY	Lighting revenues	Power revenues	Street lighting	Municipal lighting	Municipal power	Current sold other utilities	Misc. revenues	Total operating revenues
Androscoggin Electric Co.....	\$535,891.94	\$243,249.39	\$16,143.29	\$7,497.39	\$7,107.06	\$49,758.58	\$65,589.92	\$925,237.57
Armstrong, Stillman.....	5,723.01	432.40	1,072.30					7,227.71
Bangor Hydro Electric Co.....	973,435.35	460,545.52	81,374.93	8,932.95	7,408.57	26,501.78	14,034.83	1,572,233.93
Berwick & Salmon Falls El. Co., The	40,124.91	17,674.36	6,737.97	679.68		20,363.87		85,580.79
Bridgewater Electric Co.....	2,797.20	107.80	268.80					3,173.80
Bryant's Pond Electric Light Co.....	4,147.58		681.93					4,779.51
Caribou Water, Light & Power Co.....	47,224.78	17,138.59	3,585.30	1,412.06	495.69	11,238.61	2.00	81,100.03
Carrabasset Light & Power Co.....	6,328.24	1,907.22	1,021.29	18.00	60.00			9,334.75
Casco Bay Light & Water Co.....	26,239.70		21,407.71				2.25	47,646.66
Central Maine Power Co.....	1,476,543.75	1,810,137.39	187,702.96	33,358.37	27,841.95	260,392.24		4,065,977.16
Clark Power Co.....	10,108.57	18,488.91	1,266.50					29,863.98
Colby Light & Power Co.....	2,752.73	2,291.12				7,486.78		12,530.63
Consumers' Electric Co.....	2,419.67	427.30	800.00					3,646.97
Cornish & Kezar Falls L. & Pr. Co.....	12,972.20	7,770.13	1,150.00					21,892.33
Crawford Electric Co.....	2,334.50	63.00	254.00					3,151.50
Cumberland County Pr. & L. Co.....	1,794,288.56	677,091.90	212,908.54	21,891.38	9,774.65	263,043.52	140,582.89	3,119,581.44
Danforth Electric Co.....	5,631.99	1,759.16	1,200.00	379.30		1,777.31		10,747.76
Dennistown Power Co.....	9,888.80	1,953.03	1,554.45					13,396.28
Farmers Electric Co.....	2,963.81	250.18						3,213.99
Farmington Falls Electric Co.....	4,145.01	1,056.28	999.96	88.11		3,835.15	146.00	10,270.51
Fort Fairfield Light & Power Co.....	40,374.56	10,785.19	2,826.00	1,263.42				55,249.17
Franklin Light & Power Co.....	31,698.32	24,905.54	4,338.41			2,937.39		63,879.66
Hampden & Newburg Light & Pr. Co.....	5,101.87							5,101.87
Houlton Water Co. (Electric Dept.)...	68,865.23	33,456.41	2,612.95	1,165.54				106,100.13
International Power Co.....		2,312.01	3,306.41			4,811.51		10,429.93
Kennebunk Electric Light Dept.....	23,620.86	9,530.01	4,204.09	238.91	101.70		30.00	37,725.57
Limestone Electric Co.....	15,092.83	3,630.22	495.00	180.46				19,575.32
Livermore Falls Light & Power Co.....	42,781.82	8,085.79	4,969.40					55,837.01
Lubec Electric Dept.....	15,529.46		4,737.83			4,000.00		24,267.29
Madison Village Corp. (Electric Dept.)	26,683.52	11,006.85	3,466.00	329.92				41,486.29
Maine Public Service Co.....	213,852.98	75,393.94	14,517.48			144,174.26	4,609.63	452,548.29
Maine Consolidated Power Co.....	34,196.52	29,958.15	4,275.72			4,931.36		73,361.75
Mallison Power Co.....	9,541.12	36,479.89	1,155.36					47,176.37
Mars Hill Electric Co.....	12,935.63	3,794.54	1,328.40					18,058.57
Monson Light & Power Co.....	6,745.38		588.80	75.32				7,409.50
Monticello Electric Co.....	3,381.80		275.00	26.50				3,683.30
Mount Vernon Light & Power Co.....	3,434.19	500.78	234.96				3.00	4,172.93

SCHEDULE NO. 3—Concluded

Statement of the Operating Revenues of Electric Utilities, Year Ended December 31, 1929

NAME OF COMPANY	Lighting revenues	Power revenues	Street lighting	Municipal lighting	Municipal power	Current sold other utilities	Misc. revenues	Total operating revenues
New Sweden Light & Power Co.....	\$3,548.28	\$528.19				\$4,648.98		\$8,725.45
Oquossoc Light & Power Co.....	24,327.67	3,784.81	\$2,727.93					30,840.41
Penobscot Power Co.....	825.76	140,568.83	751.92			16,829.35		158,975.86
Phillips Electric Light & Power Co....	7,491.05	863.07	1,144.08					9,498.20
Princeton Electric Light Dept.....	3,367.16		1,583.40				\$50.00	5,000.56
Runford Falls Light & Water Co.....	137,016.08	29,352.21	13,528.13	\$2,911.97	\$281.15	433.40		183,522.94
Shore Line Electric Co., The.....	25,558.67	6,962.27	3,308.76	61.30				35,891.00
Squirrel Island Village Corp.....	3,100.48							3,100.48
St. Croix Gas Light Co.....	51,566.31	6,800.36	4,865.28					63,231.95
Stonington & Deer Isle Power Co.....	10,177.32	4,298.45	1,924.19	101.09				16,501.05
Stratton Light Co.....	5,343.64	1,102.06	661.62		51.42			7,158.74
C. O. Sturtevant.....	4,352.49	131.77	910.39					5,394.65
Turner Light & Power Co.....	13,159.07	5,354.23	704.50				21.17	19,238.97
Van Buren Light & Power District.....	16,727.99	4,295.05	1,626.91	289.89		3,085.66	941.25	26,966.75
Vinalhaven Light & Power Co.....	20,704.00	14,990.84	2,080.00					37,774.84
Washburn Electric Co.....	14,640.73	4,293.17	1,340.04					20,273.94
Waterford Light & Power Co., Inc.....	3,629.73	201.63	300.00					4,131.36
Woodland Light & Water Co.....	10,397.08		1,983.30	335.79				12,716.17
Totals.....	\$6,146,231.90	\$3,740,448.27	\$628,117.36	\$81,237.35	\$53,299.00	\$830,249.75	\$226,012.94	\$11,705,596.57

SCHEDULE NO. 4

Statement of the Operating Expenses of Electric Utilities, Year Ended December 31, 1929

NAME OF COMPANY	Steam power operation	Steam power maintenance	Hydraulic power operation	Hydraulic power maintenance	Gas power operation	Gas power maintenance	Transmission operation	Transmission maintenance
Androscoggin Electric Co.....	\$68,813.91	\$2,566.47	\$131,187.20	\$11,443.47			\$122.60	\$5,392.21
Armstrong, Stillman					\$4,454.62	\$220.00		506.43
Bangor Hydro Electric Co.....			58,811.03	15,657.27			4,888.39	4,064.95
Berwick & Salmon Falls El. Co., The			22,018.64	3,051.73			97.72	1,742.51
Bridgewater Electric Co.....			1,290.73					
Bryant's Pond Electric Light Co.....	1,663.30							
Caribou Water, Light & Power Co.....			9,393.18	3,250.37				
Carrabassett Light & Power Co.....			2,903.92					
Casco Bay Light & Water Co.....					10,686.29	1,457.11		209.07
Central Maine Power Co.....	114,090.45	5,322.91	365,108.10	48,230.64			25,061.58	81,482.89
Clark Power Co.....			4,652.04	2,078.13				
Colby Light & Power Co.....			10,810.33					
Consumers' Electric Co.....			1,200.00					7.90
Cornish & Kezar Falls L. & Pr. Co.....			3,066.95	176.69				
Crawford Electric Co.....	435.85							275.00
Cumberland County Pr. & L. Co.....	283,511.91	21,966.74	70,679.84	17,262.23			24,589.65	12,682.19
Danforth Electric Co.....	5,587.03		2,974.62	79.49				
Dennistown Power Co.....			1,680.63	734.22	1,242.74		576.55	145.05
Farmers Electric Co.....			1,150.28					
Farmington Falls Electric Co.....			3,800.45	183.24			13.38	524.06
Fort Fairfield Light & Power Co.....			25,695.17					
Franklin Light & Power Co.....			19,207.91	381.49				5,067.74
Hampden & Newburg Light & Pr. Co.....			1,061.28					
Houlton Water Co. (Electric Dept.)	56,173.76							
International Power Co.....			3,915.90	1,266.71				
Kennebunk Electric Light Dept.....	99.72	79.10	15,597.58	1,328.80				
Limestone Electric Co.....	8,601.33							
Livermore Falls Light & Power Co.....			12,459.95					47.63
Lubec Electric Dept.....			6,434.42	6,997.34				2,212.59
Madison Village Corp. (Electric Dept.)			15,207.90	1,836.16			205.48	949.75
Maine Public Service Co.....			111,019.04	542.36			8,925.43	3,711.76
Maine Consolidated Power Co.....			34,348.80	274.54				3,946.67
Mallison Power Co.....			17,228.19	163.50				1,130.01
Mars Hill Electric Co.....			8,518.73					
Monson Light & Power Co.....			2,017.60					
Monticello Electric Co.....	1,550.38							
Mount Vernon Light & Power Co.....			2,445.15					155.12

SCHEDULE NO. 4—Continued

Statement of the Operating Expenses of Electric Utilities, Year ended December 31, 1929

NAME OF COMPANY	Steam power operation	Steam power maintenance	Hydraulic power operation	Hydraulic power maintenance	Gas power operation	Gas power maintenance	Transmission operation	Transmission maintenance
New Sweden Light & Power Co.....			\$7,792.08					
Oquossoc Light & Power Co.....			4,562.75	\$189.53			\$4,398.17	
Penobscot Power Co.....			12,177.68	1,357.87				\$6,467.41
Phillips Electric Light & Power Co.....			5,005.25		\$107.13			533.44
Princeton Electric Light Dept.....					3,444.47			
Rumford Falls Light & Water Co.....	\$41,614.24						5,514.10	198.15
Shore Line Electric Co., The.....			11,289.72					
Squirrel Island Village Corporation.....			1,046.46					
St. Croix Gas Light Co.....			10,653.25	152.99				
Stonington & Deer Isle Power Co.....			5,581.62		91.50	\$117.59		256.90
Stratton Light Co.....			999.96	335.07	34.00			109.47
C. O. Sturtevant.....			1,649.25					38.00
Turner Light & Power Co.....					86.25	2,737.70	49.00	6.00
Van Buren Light & Power District.....			17,735.09		691.19			
Vinalhaven Light & Power Co.....	19,982.23	\$734.09			6.77			
Washburn Electric Co.....			8,641.89					22.94
Waterford Light & Power Co., Inc.....	1,227.57							
Woodland Light & Water Co.....	5,907.00							
Totals.....	\$609,258.68	\$30,669.31	\$1,053,020.56	\$116,982.84	\$20,844.96	\$4,532.40	\$74,442.05	\$131, 885.84

PUBLIC UTILITIES COMMISSION REPORT

SCHEDULE NO. 4—Continued
Operating Expenses

NAME OF COMPANY	Distribution operation	Distribution maintenance	Utilization operation	Utilization maintenance	Commercial expense	New business	General administration	Total operating expenses
Androscoggin Electric Co.....	\$11,889.59	\$16,483.74	\$4,733.90	\$622.96	\$41,334.38	\$6,824.22	\$84,561.26	\$385,975.91
Armstrong, Stillman							1,306.20	6,487.25
Bangor Hydro Electric Co.....	36,846.15	22,792.85	19,861.01	1,918.96	73,416.99	65,308.84	233,602.60	537,169.04
Berwick & Salmon Falls El. Co., The..	1,021.67	3,411.46	1,196.71	329.86	3,107.96	607.29	8,339.55	45,015.40
Bridgewater Electric Co.....		303.86	81.65		324.39		254.72	2,255.35
Bryant's Pond Electric Light Co.....		324.46			396.00		17.10	2,400.86
Caribou Water, Light & Power Co.....	1,840.52	1,807.85	236.65	3.86	1,915.50	360.24	12,907.40	31,765.57
Carrabassett Light & Power Co.....	634.25	268.64	25.00	150.00		26.00	3,661.80	7,669.61
Casco Bay Light & Water Co.....	89.80	733.92	236.84	206.12	1,233.27	153.95	12,177.92	27,184.29
Central Maine Power Co.....	56,794.16	138,201.53	33,348.46	6,826.01	207,141.09	42,048.27	520,202.51	1,643,858.60
Clark Power Co.....	872.38	9,522.27	332.38				8,773.65	26,230.88
Colby Light & Power Co.....	27.20	177.82			47.71		1,972.89	13,035.95
Consumers' Electric Co.....		408.21	239.91				805.43	2,661.45
Cornish & Kezar Falls L. & Pr. Co.....	259.35	1,056.17	219.22		535.58	13.19	5,610.12	10,937.27
Crawford Electric Co.....		50.00			125.00		1,505.00	2,390.85
Cumberland County Power & L. Co....	104,671.60	146,706.13	54,019.58	10,218.13	126,978.08	41,390.65	437,424.93	1,352,101.66
Danforth Electric Co.....		209.75			2,398.08		353.64	11,602.61
Dennistown Power Co.....	693.29	156.09	71.70		718.32		3,340.91	9,359.50
Farmers Electric Co.....	31.92	121.59			79.50		120.00	1,503.29
Farrington Falls Electric Co.....	326.32	272.66	57.50		259.15	182.15	4,868.53	10,487.44
Fort Fairfield Light & Power Co.....	1,137.38	888.56	487.23		2,096.92	936.79	18,052.48	49,294.53
Franklin Light & Power Co.....	1,697.55	2,423.06		671.78	932.20	145.29	21,740.42	52,267.44
Hampden & Newburg L. & Pr. Co.....	278.90	31.55					488.46	1,860.19
Houlton Water Co. (Electric Dept.)	5,875.30	1,765.06	650.53	116.35	6,897.38	362.50	16,775.84	88,616.72
International Power Co.....	92.19	44.34			578.46	42.13	1,481.31	7,421.04
Kennebunk Electric Light Dept.....	9.72	3,180.92	397.01	1,215.65	2,693.89		4,882.58	29,484.97
Limestone Electric Co.....	1,176.16	321.16			2,419.21		5,455.14	17,973.00
Livermore Falls Light & Power Co....	2,003.17	1,849.90	305.74	270.26	4,169.11	104.23	7,656.10	28,866.09
Lubec Electric Dept.....	50.00		98.64		2,260.56		4,511.16	22,564.71
Madison Village Corp. (Electric Dept.)	5,767.55	1,305.71	664.92	161.24	4,349.01	95.86	6,614.38	37,157.96
Maine Public Service Co.....	10,032.00	3,292.43	1,518.19	321.77	22,561.81	3,570.11	44,528.52	210,023.42
Maine Consolidated Power Co.....	1,575.89	2,057.25	236.63	357.46	792.00	150.12	18,532.55	62,271.91
Mallison Power Co.....			161.85				6,246.90	24,930.45
Mars Hill Electric Co.....	429.97	249.96	88.29		1,769.38	35.80	4,383.16	15,475.29
Monson Light & Power Co.....	2,256.28						884.90	5,158.78
Monticello Electric Co.....		374.00			318.61		505.93	2,748.92
Mount Vernon Light & Power Co.....	221.85	146.48	15.04		208.96	190.39	1,262.48	4,645.47

SCHEDULE NO. 4—Concluded
Operating Expenses

NAME OF COMPANY	Distribution operation	Distribution maintenance	Utilization operation	Utilization maintenance	Commercial expense	New business	General administration	Total operating expenses
New Sweden Light & Power Co.....	\$25.03	\$535.05	\$4.71		\$139.93		\$1,069.53	\$9,566.33
Oquossoc Light & Power Co.....	157.67	1,065.99		\$59.87	439.24		11,521.05	22,403.27
Penobscot Power Co.....							23,789.51	43,792.47
Phillips Electric Light & Power Co.....	50.81	849.26					2,171.25	8,717.14
Princeton Electric Light Dept.....		114.00	200.52		144.10		279.00	4,182.09
Rumford Falls Light & Water Co.....	10,577.68	1,411.43	3,227.30	166.71	15,469.89	\$1,683.33	51,350.48	131,213.31
Shore Line Electric Co., The.....	839.73	1,227.13	482.47	45.76	1,498.71	9.05	10,201.76	25,594.33
Squirrel Island Village Corp.....		517.80						1,564.26
St. Croix Gas Light Co.....	2,842.28	1,733.06	625.93	227.91	6,879.81	4,193.57	8,114.64	35,423.44
Stonington & Deer Isle Power Co.....		170.00	155.13			113.60	7,215.33	13,701.67
Stratton Light Co.....	4.71	45.78	34.71				2,620.75	4,184.45
C. O. Sturtevant.....	204.47	10.00		20.50			578.96	2,501.18
Turner Light & Power Co.....	844.23	615.14	136.71		1,133.07	46.71	3,920.22	9,575.03
Van Buren Light & Power District.....	1,242.04						3,021.52	22,689.84
Vinalhaven Light & Power Co.....	158.03	884.60	224.24		1,496.80	43.74	8,579.37	32,109.87
Washburn Electric Co.....	1,142.56	82.43	137.29		1,295.32	96.06	6,420.09	17,838.58
Waterford Light & Power Co., Inc.....		1,206.06					989.50	3,423.13
Woodland Light & Water Co.....		775.46	314.32				1,916.88	8,913.66
Totals.....	\$266,691.35	\$372,182.57	\$124,877.91	\$23,911.16	\$540,645.37	\$168,751.18	\$1,649,551.54	\$5,188,247.72

SCHEDULE NO. 5

Capitalization, Indebtedness, Gross Income and Disposition of Gross Income of Electric Companies for Year
 Ended December 31, 1929

NAME OF COMPANY	Capital stock	Long term debt	Other interest-bearing debt	Gross income	Interest deductions	Other deductions prior to distribution to stockholders	Net income	Dividends declared
Androscoggin Electric Co.....	\$2,000,000.00	\$4,646,500.00	\$200,000.00	\$508,093.29	\$238,717.08	\$39,257.95	\$230,118.26	\$237,685.20
Armstrong, Stillman	*18,547.49			740.46			740.46	740.46
Bangor Hydro Electric Co.....	9,531,214.24	4,136,500.00		1,091,844.28	205,268.15	88,219.28	798,356.85	630,901.04
Berwick & Salmon Falls El. Co., The	244,250.00	269,209.93		31,125.95	12,449.49	1,553.32	17,123.14	14,655.00
Bridgewater Electric Co.....	5,600.00			915.67			915.67	945.00
Bryant's Pond Electric Light Co.	10,000.00			2,220.45			2,220.45	1,900.00
Caribou Water, Light & Power Co.	50,300.00	155,000.00	197,677.75	62,314.51	21,344.23	1,453.19	39,517.09	10,060.00
Carrabassett Light & Power Co.	10,000.00		5,500.00	1,320.14	256.75		1,063.39	1,000.00
Casco Bay Light & Water Co.	350,000.00	213,500.00	67,500.00	26,115.71	13,752.80	1,412.56	10,950.35	10,500.00
Central Maine Power Co.....	20,072,536.20	22,137,500.00	4,500,000.00	2,611,951.77	738,889.42	94,389.27	1,778,673.08	1,329,924.15
Clark Power Co.....	10,000.00		168,500.00	2,122.45			1,196.53	925.92
Colby Light & Power Co.....	2,600.00		1,603.43	*680.52	96.21	106.24	*882.97	
Consumers' Electric Co.....	13,025.00			675.20			675.20	561.72
Cornish & Kezar Falls L. & Pr. Co.	50,000.00		20,000.00	12,221.56	1,085.43		11,136.13	
Crawford Electric Co.....	11,000.00			876.74			876.74	440.00
Cumberland County Pr. & L. Co.	6,949,400.00	8,815,000.00	200,000.00	1,740,023.46	400,979.25	455,799.83	883,244.38	676,416.00
Danforth Electric Co.....	600.00			*980.86		1,341.43	*2,322.29	
Dennistown Power Co.....	84,000.00		6,000.00	4,468.39	218.34		4,250.05	44,414.29
Farmers' Electric Co.....	17,900.00		7,000.00	1,601.70	420.25		1,181.45	259.00
Farmington Falls Electric Co.	21,200.00		37,500.00	*513.03	1,396.57		*1,909.60	
Fort Fairfield Light & Power Co.	21,000.00		17,500.00	7,200.84	1,156.13		6,044.71	4,200.00
Franklin Light & Power Co.....	916,100.00	209,600.00	93,350.00	9,899.37	8,405.29	715.86	778.22	
Hampden & Newburg Light & Pr. Co.	23,245.00		5,500.00	3,221.08	422.52		2,798.56	1,370.13
Houlton Water Co. (Electric Dept.)				19,520.29			19,520.29	
International Power Co.....	100,000.00			2,222.20		1,861.44	360.76	
Kennebunk Electric Light Dept.			2,000.00	8,949.89	220.84		7,929.05	
Limestone Electric Co.....	*27,842.09		5,000.00	939.56	330.00		609.56	
Livermore Falls Light & Power Co.	80,000.00	50,000.00		25,106.91	3,075.80		22,031.11	
Lubec Electric Dept.....		26,891.16		1,749.85			1,749.85	
Madison Village Corp. (Electric Dept.)				6,057.20		93.25	5,963.95	
Maine Public Service Co.....	730,300.00	1,167,794.11		218,087.53	61,215.80	2.87	156,869.16	
Maine Consolidated Power Co.	118,000.00	300,000.00	14,900.00	13,364.87	7,650.00	12,004.85	*6,379.98	
Mallison Power Co.....	99,900.00	125,000.00		19,416.76	7,500.00	8,518.39	3,398.37	
Mars Hill Electric Co.....	10,000.00			3,115.75			3,115.75	1,200.00
Monson Light & Power Co.....	10,000.00			2,250.72		2,249.04	1.68	

SCHEDULE NO. 5—Concluded

Capitalization, Indebtedness, Gross Income and Disposition of Gross Income of Electric Companies for Year
Ended December 31, 1929

NAME OF COMPANY	Capital stock	Long term debt	Other interest-bearing debt	Gross income	Interest deductions	Other deductions prior to distribution to stockholders	Net income	Dividends declared
Monticello Electric Co.	\$2,950.00			\$1,282.03			\$1,282.03	\$472.00
Mount Vernon Light & Power Co.	4,650.00		\$2,500.00	*822.54	\$85.50		*908.04	
New Sweden Light & Power Co.	11,400.00			*780.34	178.96		*959.30	
Oquossoc Light & Power Co.	35,750.00	\$18,000.00		8,644.29	1,147.50	\$144.46	7,352.33	2,888.60
Penobscot Power Co.	300,000.00			103,091.23	30,600.00		72,491.23	70,000.00
Phillips Electric Light & Power Co.	4,175.00	2,000.00		1,015.99	183.61		832.38	334.00
Princeton Electric Light Dept.	*17,777.32		9,600.00	818.47	480.00		338.47	
Rumford Falls Light & Water Co.	300,000.00			53,566.26		6,156.18	47,410.08	30,000.00
Shore Line Electric Co., The	61,600.00		100,000.00	9,541.13	6,000.27		3,540.86	
Squirrel Island Village Corp.				1,536.22		1,586.00	*49.78	
St. Croix Gas Light Co.	199,800.00			24,092.59		1,864.62	22,227.97	
Stonington & Deer Isle Power Co.	11,000.00		32,600.00	2,444.36	1,850.76		593.60	411.00
Stratton Light Co.	15,000.00	8,000.00	1,000.00	3,146.83	728.85	.69	2,417.29	175.00
C. O. Sturtevant			24,500.00	2,893.47	1,470.00		1,423.47	
Turner Light & Power Co.	19,200.00	25,000.00	54,456.92	10,280.83	4,496.80		5,784.03	
Van Buren Light & Power District		35,000.00		4,704.19	1,875.00		2,829.19	
Vinalhaven Light & Power Co.	41,950.00	12,500.00		5,838.55	861.00	288.73	4,688.82	
Washburn Electric Co.	1,400.00		15,500.00	3,026.52	1,192.98	90.53	1,743.01	
Waterford Light & Power Co., Inc.	7,150.00		1,000.00	564.48	40.00		524.48	
Woodland Light & Water Co.	102,600.00			962.15			962.15	

TABULATED STATEMENTS

COMPILED FROM THE

Reports of
Steam Railroad Companies

FOR THE

Year Ended December 31, 1929

SCHEDULE NO. 11

The Following Table Gives the Mileage in Maine of all Steam
Railroads Operating Therein

RAILROAD	Miles of main track	Miles of second main track	Miles of yard tracks and sidings	Total line operated
Bangor & Aroostook Railroad Co.				
Searsport to Van Buren	259.71			
Old Town to So. LAGRANGE	15.62			
So. LAGRANGE to Packards	27.96			
Derby to Greenville	48.94			
Brownville to Brownville Jct.	4.50			
Schoodic Jct. to East Millinocket	8.00			
Patten Jct. to Patten	5.87			
Ashland Jct. to Fort Kent	94.87			
Squa Pan to Stockholm	47.94	646.70	30.29	197.58
Presque Isle to Mapleton	7.13			
Phair to Fort Fairfield	13.35			
Caribou to Limestone	15.67			
Van Buren to Fort Kent	44.20			
Kent Jct. to St. Francis	16.56			
Canadian Jct. to Van Buren Bridge . . . . .	.21			
Northern Maine Jct. to North Transfer . . . . .	.75			
Northern Maine Jct. to South Transfer . . . . .	.83			
Oakfield to Ashland Branch	1.62			
Industrial Tracks	32.97			
Belfast & Moosehead Lake Railroad Co.:				
Belfast to Burnham	33.07	33.86	.06	3.62
Industrial Tracks . . . . .	.79			
Boston & Maine Railroad Co.:				
State line to Rigby via Dover	39.89			
State line to Rigby via Portsmouth	47.36			
N. H. State line to Westbrook	42.56			
Jewett to N. H. State line	2.92	134.88	34.55	35.39
Connecting tracks . . . . .	.52			
Navy Yard Branch	1.13			
*Portland Terminal Co. Tracks	19.56			
†Bridgton & Saco River Railroad Co.:				
Harrison to Bridgton Jct.	21.23		3.06	24.29
Canadian Nat'l. Ry. Co. (At. & St.L. & N.B.R.R.)				
N. H. State line to Portland	82.64			
So. Paris to Norway	1.41	95.24	.99	48.26
Lewiston Jct. to Lewiston (L. & A.R.R.)	5.43			
Industrial Tracks	5.76			
Canadian Pacific Ry. Co. (I. Ry. Me.)				
Boundary to Mattawamkeag	144.57			
Boundary to Houlton	3.16			
Boundary to Presque Isle	29.29	179.28		45.16
Industrial Tracks	2.26			
*Mattawamkeag to Vanceboro	56.71			
Knox Railroad Co. Warren to Union	8.00		2.00	10.00
Lime Rock Railroad Co.	7.32		5.23	12.55
Maine Central Railroad Co.:				
Portland line to Bangor	129.98			
Royal Jct. to Waterville	72.30			
Gardiner to Copsecook Mills	1.15			
Fairfield to Skowhegan	15.71			
Oquosoc to Kennebago	10.65			
Oakland to Kineo	90.61			
Austin Jct. to Bingham	1.40			
Bangs to Dodlin's Quarry	0.20			
Taunton to Somersset Jct.	0.48			
Pittsfield to Harmony	17.76			

*Trackage rights.

†Narrow (2 feet) gauge.

SCHEDULE NO. 11

Mileage of Steam Railroads—Concluded

RAILROAD	Miles of main track	Miles of second main track	Miles of yard tracks and sidings	Total line operated
Maine Central Railroad—Continued:				
Brunswick to Leeds Jct.	25.91			
Crowley's Jct. to Lewiston Lower.....	4.88			
Leeds Jct. to Farmington.....	36.57			
Brunswick to Rockland.....	56.73			
Old Main line—Bath.....	0.14			
Old Main line—Woolwich.....	0.34			
Rockland to Rockland Wharf.....	1.44			
Brewer Jct. to Mt. Desert Ferry.....	41.13			
Washington Jct. to Calais.....	102.49			
Machias to Eastern Pulpwood Co.....	0.45			
Ayer's Jct. to Eastport.....	16.48			
St. Croix Jct. to Princeton.....	12.75			
Woodland Jct. to Woodland.....	1.21			
Rumford Jct. to Rumford.....	52.74			
Upper Yard to Old Pass. Station.....	1.63			
Upper Yard to Virginia.....	1.14			
Canton to Livermore Falls.....	10.27			
Branch to Record Foundry & Machine Co.	0.87			
Rumford to Oquosoc.....	35.97			
Newport to Dexter.....	13.94			
Dexter to Foxcroft.....	16.54			
Bangor to Bucksport.....	18.80			
Bangor to Vanceboro.....	114.30			
Bangor to Hampden.....	1.43			
Orono to Stillwater.....	3.01	1,014.35	72.75	270.48
Old Town to American Woolen Co.....	0.45			1,357.58
Enfield to Montague.....	3.03			
Milford to Jordon Lumber Co.....	0.72			
Montague to Howland.....	0.73			
Westbrook line to State line.....	43.81			
Industrial Tracks.....	54.21			
*Portland Terminal Tracks.....	20.67			
†Monson Railroad Co.:				
Monson to Monson Jct.....	8.16			8.16
Portland Terminal Co.....	31.91	†16.77	88.64	137.32
†Sandy River & Rangeley Lakes Railroad:				
Farmington to Rangeley.....	46.88			
Phillips to Custer Mfg. Co.....	.25			
Madrid Jct. to Hodges.....	4.88			
Bracket Jct. to near Gray Farm.....	5.02			
Reed to McLeary & Bell Mill.....	.10			
Perham Jct. to Barnjum.....	2.84	96.45	12.51	108.96
Eustis Jct. to Green's Farm.....	10.48			
Langtown Branch.....	.05			
Strong to Huston Brook.....	25.70			
Kingfield Jct. to Kingfield.....	.25			
†Wiscasset, Waterville & Farmington Ry. Co.:				
Wiscasset to Albion.....	43.50		2.25	45.75
Totals.....	2,320.38	155.41	714.18	3,189.97

*Trackage rights. †Narrow (2 feet) gauge.

‡Includes 1.38 third main track 1.38 fourth main track.

SCHEDULE NO. 12

Mileage of Steam Railroads and Increase from 1836 to Dec. 31, 1929
(For main line only)

As nearly as can be ascertained the mileage of the steam railroads in Maine, from the first road built in 1836 to December of 1929 is as follows:

	Miles	Increase		Miles	Increase
1836.....	12.00		1892.....	1,385.00	2.08
1842.....	19.88	7.88	1893.....	1,399.14	14.14
1843.....	72.39	52.51	1894.....	1,515.99	116.85
1847.....	75.39	3.00	1895.....	1,626.75	110.76
1848.....	132.16	56.77	1896.....	1,720.41	93.66
1849.....	211.49	79.33	1897.....	1,722.92	2.51
1850.....	232.59	21.10	1898.....	1,748.95	26.03
1851.....	280.61	48.02	1899.....	1,871.85	122.90
1852.....	319.74	39.13	1900.....	1,905.00	33.15
1853.....	330.74	11.00	1901.....	1,918.98	13.98
1854.....	333.74	3.00	1902.....	1,933.35	14.37
1855.....	352.84	19.10	1903.....	2,004.81	71.46
1856.....	370.75	17.91	1904.....	2,018.60	13.79
1857.....	390.82	20.07	1905.....	2,022.63	4.03
1859.....	411.29	20.47	1906.....	2,095.49	70.86
1861.....	441.99	30.70	1907.....	2,144.77	51.28
1867.....	444.49	2.50	1908.....	2,173.91	29.14
1868.....	516.45	71.96	1909.....	2,174.95	1.04
1869.....	601.65	85.20	1910.....	2,259.60	84.65
1870.....	650.20	48.55	1911.....	2,288.36	28.76
1871.....	772.63	122.43	1912.....	2,284.38	*3.98
1873.....	814.63	42.00	1913.....	2,301.03	16.65
1874.....	846.43	31.80	1914.....	2,300.37	*.66
1875.....	865.71	19.28	1915.....	2,301.05	.68
1876.....	881.33	15.62	1916.....	2,289.61	*11.44
1879.....	911.23	29.90	1916.....	2,289.04	*.57
1880.....	1,023.32	112.09	1917.....	2,299.27	10.23
1881.....	1,036.15	12.83	1918.....	2,286.81	*12.46
1882.....	1,051.64	15.49	1919.....	2,312.68	25.82
1883.....	1,063.27	11.63	1920.....	2,313.87	1.19
1884.....	1,132.27	69.00	1921.....	2,315.15	1.28
1885.....	1,132.27		1922.....	2,290.01	*25.14
1886.....	1,141.43	9.16	1923.....	2,290.67	.66
1887.....	1,164.52	23.09	1924.....	2,379.39	88.72
1888.....	1,164.07	*.45	1925.....	2,371.87	*7.52
1889.....	1,322.45	158.38	1926.....	2,354.18	*17.69
1890.....	1,360.26	37.81	1927.....	2,327.84	*26.34
1891.....	1,382.92	22.66	1928.....	2,330.98	3.14
			1929.....	2,320.38	*10.60

*Decrease.

†June 30, 1916.

‡Dec. 31, 1916.

SCHEDULE NO. 13
Traffic and Mileage Statistics

RAILROADS	Number of passengers carried	Number of passengers carried one mile	AVERAGE RECEIPTS PER PASSENGER PER MILE		Tons of freight carried	Tons of freight carried one mile	AVERAGE RECEIPTS PER TON PER MILE	
			Year ending Dec. 31, 1929 (Cents)	Year ending Dec. 31, 1928 (Cents)			Year ending Dec. 31, 1929 (Cents)	Year ending Dec. 31, 1928 (Cents)
STANDARD GAUGE ROADS								
Bangor & Aroostook Railroad Co.....	324,468	13,656,916	\$4.248	\$4.241	2,431,389	315,323,581	2.243	2.264
Belfast & Moosehead Lake R. R. Co...	23,469	586,725	3.978	3.964	89,395	2,423,838	3.646	3.681
Knox Railroad Co.....	876	7,008	5.337	5.498	18,698	149,584	12.943	13.120
Lime Rock Railroad Co.....					207,013			
Maine Central Railroad Co.....	1,396,943	86,834,455	3.565	3.600	7,516,788	846,568,675	1.743	1.708
Totals.....	1,745,756	101,085,104			10,263,283	1,164,465,678		
NARROW GAUGE ROADS								
Bridgton & Saco River R. R. Co.....	4,939	56,558	4.803	3.981	16,853			
Monson Railroad Co.....	1,058	8,633	10.445	11.551	12,341	100,703	17.291	17.679
Sandy River & Rangeley Lakes R.R. Co.	12,289	216,294	4.622	4.699	68,754	1,755,908	8.996	8.723
Wiscasset, Waterville & Farmington Railway Co.....	3,099	43,349	4.623	4.525	13,264	457,012	9.021	8.508
Totals.....	21,385	324,834			113,212	2,313,623		

SCHEDULE NO. 14
Statement of Assets, Steam Railroads, Year Ended December 31, 1929

NAME OF COMPANY	Property investments	Security investments	Current assets	Deferred assets	Unadjusted debits	Total assets
Bangor & Aroostook Railroad Co.....	\$33,823,723.46	\$513,500.00	\$4,482,967.85	\$507.46	\$152,733.91	\$38,973,432.68
Belfast & Moosehead Lake Railroad Co.....	864,791.93		25,718.50	20.00	1,822.05	892,352.48
Bridgton & Saco River Railroad Co.....	315,877.45	3,600.00	18,368.07			337,845.52
Knox Railroad Co.....	173,852.99		1,556.77	3,913.42	1,131.22	180,254.40
Lime Rock Railroad Co.....	578,527.21		20,579.08	11,483.40	403,474.90	1,014,064.59
Maine Central Railroad Co.....	50,109,375.36	5,627,686.89	5,050,796.58	1,128.20	458,618.02	61,247,605.05
Monson Railroad Co.....	78,014.89		4,832.34			82,847.23
Sandy River & Rangeley Lakes Railroad.....	1,212,631.82		82,036.75	23,780.66	1,179.71	1,319,628.94
Wiscasset, Waterville & Farmington Railway Co..	311,136.53		10,594.33		112.55	321,843.41
Totals.....	\$87,467,931.64	\$6,144,786.89	\$9,697,250.27	\$40,833.14	\$1,019,072.36	\$104,369,874.30

SCHEDULE NO. 14—Concluded
Statement of Liabilities, Steam Railroads, Year Ended December 31, 1929

NAME OF COMPANY	Capital stock	Long-term debt	Current liabilities	Deferred liabilities	Unadjusted credits	Profit and loss	Total liabilities
Bangor & Aroostook Railroad Co.....	\$11,034,422.36	\$19,726,000.00	\$934,329.52	\$10,555.80	\$2,527,450.42	\$4,740,674.58	\$38,973,432.68
Belfast & Moosehead Lake Railroad Co.....	648,100.00		14,032.19		22,344.58	207,875.71	892,352.48
Bridgton & Saco River Railroad Co.....	102,250.00		196,422.10		42,684.97	*3,511.55	337,845.52
Knox Railroad Co.....	60,000.00	105,150.00	61,520.55		9,519.70	*55,935.85	180,254.40
Lime Rock Railroad Co.....	450,000.00	385,000.00	13,113.51		25,632.55	140,318.53	1,014,064.59
Maine Central Railroad Co.....	15,007,100.00	26,737,500.00	2,519,419.14	2,039,738.62	6,859,692.82	8,084,154.47	61,247,605.05
Monson Railroad Co.....	70,000.00		220,560.04		12,932.38	*220,645.19	82,847.23
Sandy River & Rangeley Lakes Railroad.....	340,000.00	190,400.00	1,089,380.85		136,511.31	*436,663.22	1,319,628.94
Wiscasset, Waterville & Farmington Ry. Co....	53,090.00		1,512.39		11,386.53	255,854.49	321,843.41
‡ Totals.....	\$27,764,962.36	\$47,144,050.00	\$5,050,290.29	\$2,050,294.42	\$9,648,155.26	\$12,712,121.97	\$104,369,874.30

*Debit Balance.

SCHEDULE NO. 15
Statement of Income Account of Steam Railroad Companies, Year Ended December 31, 1929

NAME OF COMPANY	Railway operating revenues	Railway operating expenses	Non-operating income	Taxes deducted	Gross income	Deductions	Income balance for year
Bangor & Aroostook Railroad Co.	\$8,135,673.79	\$5,340,700.21	\$176,668.99	\$613,720.17	\$2,357,922.40	\$959,489.45	\$1,398,432.95
Belfast & Mooshead Lake Railroad Co.	170,818.55	123,984.96	673.64	5,441.00	42,066.23	18,003.44	24,062.79
Bridgton & Saco River Railroad Co.	51,952.90	51,266.16	206.24	470.13	422.85	6,873.92	*6,451.07
Knox Railroad Co.	24,029.68	20,372.43	87.44	566.35	3,178.34	4,840.29	*1,661.95
Lime Rock Railroad Co.	102,824.38	82,862.99	1,215.20	3,530.28	17,646.31	17,728.18	*81.87
Maine Central Railroad Co.	20,312,269.24	15,067,922.43	474,271.37	1,127,687.88	4,590,930.30	2,844,673.36	1,746,256.94
Monson Railroad Co.	23,023.47	17,504.12	29.31	313.06	5,145.60	4,205.90	939.70
Sandy River & Rangeley Lakes Railroad.	193,149.01	216,377.06	699.16	350.57	*22,879.46	33,486.00	*56,365.46
Wiscasset, Waterville & Farmington Ry. Co....	67,433.18	65,628.17	503.81	235.75	2,073.07	.....	2,073.07
Totals.	\$29,081,174.20	\$20,986,708.53	\$654,355.16	1,752,315.19	\$6,996,505.64	\$3,889,309.54	\$3,107,205.10

*Loss

SCHEDULE NO. 16

Statement of the Operating Revenues of Steam Railroad Companies, Year Ended December 31, 1929

NAME OF COMPANY	Freight revenue	Passenger revenue	Other transportation revenue	Total transportation revenue	Incidental operating revenues	Total operating revenues
Bangor & Aroostook Railroad Co.....	\$7,073,356.57	\$580,068.20	\$412,683.07	\$8,066,107.84	\$69,565.95	\$8,135,673.79
Belfast & Moosehead Lake Railroad Co.....	88,390.75	23,343.84	57,115.39	168,849.98	1,968.57	170,818.55
Bridgton & Saco River Railroad Co.....	34,712.64	2,716.88	14,323.38	51,752.90	200.00	51,952.90
Knox Railroad Co.....	19,361.77	374.02	4,243.89	23,979.68	50.00	24,029.68
Lime Rock Railroad Co.....	75,794.13	.....	27,030.25	102,824.38	.....	102,824.38
Maine Central Railroad Co.....	14,754,471.16	3,095,620.91	2,044,188.70	19,894,280.77	417,988.47	20,312,269.24
Monson Railroad Co.....	17,413.44	901.74	4,708.29	23,023.47	.....	23,023.47
Sandy River & Rangeley Lakes Railroad.....	157,974.72	9,997.39	24,240.93	192,213.04	935.97	193,149.01
Wiscasset, Waterville & Farmington Ry. Co.....	41,228.25	2,004.39	24,200.54	67,433.18	.....	67,433.18
Totals.....	\$22,262,703.43	\$3,715,027.37	\$2,612,734.44	\$28,590,465.24	\$490,708.96	\$29,081,174.20

SCHEDULE NO. 17

Statement of the Operating Expenses of Steam Railroad Companies, Year Ended December 31, 1929

NAME OF COMPANY	Total maintenance of way and structures	Total maintenance of equipment	Total traffic expenses	Total transportation expenses	Total miscellaneous expenses	Total general expenses	Total operating expenses	Ratio	
								Dec. 31, 1929	Dec. 31, 1928
Bangor & Aroostook Railroad Co.	\$1,303,872.80	\$1,662,348.82	\$69,164.15	\$1,953,561.13	\$31,690.32	\$321,961.99	\$2,085.28	65.64	68.77
Belfast & Moosehead Lake R.R. Co.	23,744.18	13,255.31	3,136.61	72,665.19	.....	11,183.67	\$5,340,513.93	72.58	77.60
Bridgton & Saco River R.R. Co.	10,423.03	10,314.91	1,208.57	25,342.22	.....	3,977.43	123,984.96	95.6	96.92
Knox Railroad Co.	7,067.70	2,231.74	.....	8,645.52	.....	2,427.47	51,266.16	84.78	92.68
Lime Rock Railroad Co.	14,867.11	25,534.78	.....	36,368.52	.....	6,092.58	20,372.43	80.57	72.79
Maine Central Railroad Co.	2,848,567.04	3,951,150.05	212,711.43	7,410,227.36	27,965.13	621,059.69	\$2,862.99	74.18	77.64
Monson Railroad Co.	5,348.22	1,586.91	.....	9,538.05	.....	1,120.94	\$4,419.56	76.41	83.33
Sandy River & Rangeley Lakes R.R.	74,659.84	39,008.55	1,711.98	88,993.15	.....	11,976.78	17,594.12	112.01	105.52
Wiscasset, Waterville & Farmington Railway Co.	26,328.95	9,873.28	.....	25,413.99	.....	4,011.95	216,350.30	97.32	100.58
Totals	\$4,314,878.87	\$5,715,304.35	\$287,932.74	\$9,630,755.13	\$59,655.45	\$983,812.50	\$20,985,834.20		

*Transportation for Investment Cr. deducted from operating expenses.

SCHEDULE NO. 18

**Capitalization, Indebtedness, Gross Income and Disposition of Gross Income of Steam Railroad Companies for Year
Ended December 31, 1929. (Lessor Companies)
(Operated by Maine Central R.R. Co.)**

NAME OF COMPANY	Capital stock	Long term debt	Property Investment	Gross income	Interest deductions	Other deductions prior to distribution to stockholders	Net income	Dividends declared
Dexter & Newport Railroad Co.	\$122,000.00		\$314,515.36	\$6,350.00		\$244.76	\$6,105.24	\$6,100.00
Dexter & Piscataquis Railroad Co.	122,000.00	\$175,000.00	325,192.26	13,350.00	\$7,437.50	924.61	4,987.39	
Eastern Maine Railway Co.	200,000.00		240,631.04	9,500.00		400.00	9,100.00	9,058.14
European & No. American Railway	2,489,500.00	1,000,000.00	4,406,436.33	179,215.61	40,000.00	14,821.35	124,394.26	124,275.00
Lewiston & Auburn Railroad Co.	300,000.00		300,000.00	13,000.00			13,000.00	13,000.00
Portland & Ogdensburg Railway.	4,392,538.00	2,119,000.00	6,889,567.29	162,385.01	74,034.25	500.00	87,850.76	87,850.76
Portland & Rumford Falls Railway.	1,000,000.00		1,046,186.13	368,309.65		263,363.74	104,945.91	99,468.16
Portland & Rumford Falls Railway	2,000,000.00	1,130,000.00	2,988,502.36	214,722.78	54,208.33	514.45	160,000.00	160,000.00
Rumford Falls & Rangeley Lakes Railroad Co.	300,000.00	628,000.00	986,788.92	41,672.18	34,280.00	1,392.18	6,000.00	6,000.00

TABULATED STATEMENTS

COMPILED FROM THE

Reports of
Telephone Companies

(CLASSES A. B. & C.)

FOR THE

Year Ended December 31, 1929

SCHEDULE NO. 29

Statement of Assets, Telephone Companies, Year Ended December 31, 1929. Classes A, B, & C.

Class	NAME OF COMPANY	Fixed capital	Securities and other investments	Total fixed capital	Working assets and accrued income	Deferred debit items	Total assets
A.	Aroostook Tel. & Tel. Co.	\$1,081,396.59		\$1,081,396.59	\$98,201.27	\$2,721.04	\$1,182,318.90
B.	Eastern Tel. & Tel. Co.	434,370.86		434,370.86	34,972.29	2,711.50	472,054.65
C.	Fort Kent Telephone Co.	44,276.44		44,276.44	3,767.44	1,800.00	49,843.88
C.	Franklin Farmers Co-op. Tel. Co.	19,508.19		19,508.19	5,691.81		25,200.00
C.	Katahdin Farmers Tel. Co.	73,009.26		73,009.26	6,364.06		79,373.32
C.	Lewiston, Greene & Monmouth Tel. Co.	69,163.84		69,163.84	38,637.71	297.68	108,099.23
A.	Maine Tel. & Tel. Co.	1,066,571.76		1,066,571.76	89,379.78	9,305.65	1,165,257.19
B.	Moosehead Tel. & Tel. Co.	353,898.16		353,898.16	32,139.02	330.76	386,367.94
C.	Nash Telephone Co.	45,408.13		45,408.13	9,830.12	309.52	55,547.77
A.	New England Tel. & Tel. Co.	270,432,837.18	\$3,236,873.08	273,669,710.26	11,639,465.55	5,654,923.40	290,964,099.21
C.	Oxford County Tel. & Tel. Co.	51,060.08	10.00	51,070.08	4,283.91	593.23	55,947.22
C.	Pine Tree Telephone Co.	17,196.36		17,196.36	5,114.61		22,310.97
C.	Poland Telephone Co.	29,534.80		29,534.80	5,732.35		35,267.15
C.	Saco River Tel. & Tel. Co.	46,870.09		46,870.09	3,778.66		50,648.75
C.	Somerset Farmers Co-op. Tel. Co.	23,944.82		23,944.82	2,241.05		26,185.87
C.	Unity Telephone Co.	32,424.21		32,424.21	11,112.36		43,536.57
	Totals	\$273,821,470.77	\$3,236,883.08	\$277,058,353.85	\$11,990,711.99	\$5,672,992.78	\$294,722,053.62

SCHEDULE NO. 29—Concluded

Statement of Liabilities, Telephone Companies, Year Ended December 31, 1929. Classes A, B, & C.

	NAME OF COMPANY	Capital stock	Long term debt	Working liabilities and accrued liabilities	Deferred credit items	Surplus	Total liabilities
A.	Aroostook Tel. & Tel. Co.....	\$ 279,740.00	\$283,035.23	\$82,067.10	\$421,744.55	\$115,732.02	\$1,182,318.90
B.	Eastern Tel. & Tel. Co.....	132,000.00	173,187.97	18,510.55	100,976.46	47,379.67	472,054.65
C.	Fort Kent Telephone Co.....	4,320.00	5,433.60	712.67	25,879.92	13,497.69	49,843.88
C.	Franklin Farmers Co-op. Tel. Co.....	13,210.00	.....	1,140.00	5,738.88	5,111.12	25,200.00
C.	Katahdin Farmers Tel. Co.....	50,000.00	.....	1,000.00	18,927.17	9,446.15	79,373.32
C.	Lewiston, Greene & Monmouth Tel. Co....	45,140.00	.....	.....	48,827.60	14,131.63	108,099.23
A.	Maine Tel. & Tel. Co.....	386,590.00	367,610.82	54,883.39	321,383.45	34,789.53	1,165,257.19
B.	Mooshead Tel. & Tel. Co.....	181,725.00	1,000.00	16,111.19	139,270.40	48,261.35	386,367.94
C.	Nash Telephone Co.....	20,000.00	.....	4,050.00	6,500.00	24,997.77	55,547.77
A.	New England Tel. & Tel. Co.....	110,738,400.00	106,270,000.00	11,794,260.49	54,772,713.93	7,388,724.79	290,964,099.21
C.	Oxford County Tel. & Tel. Co.....	15,185.00	.....	1,500.00	23,800.76	15,461.46	55,947.22
C.	Pine Tree Telephone Co.....	8,570.00	.....	.....	2,480.67	11,260.30	22,310.97
C.	Poland Telephone Co.....	15,000.00	.....	1,332.37	3,045.83	15,888.95	35,267.15
C.	Saco River Tel. & Tel. Co.....	3,350.00	.....	178.50	18,616.91	28,503.34	50,648.75
C.	Somerset Farmers Co-op. Tel. Co.....	14,540.00	.....	500.00	9,823.56	1,322.31	26,185.87
C.	Unity Telephone Co.....	25,000.00	.....	.....	16,556.08	1,980.49	43,536.57
	Totals.....	\$111,932,770.00	\$107,100,267.62	\$11,976,246.26	\$55,936,286.17	\$7,776,488.57	\$294,722,058.62

SCHEDULE NO. 30

Statement of Income Account of Telephone Companies, Year Ended December 31, 1929. Classes A, B, & C.

Class	NAME OF COMPANY	Operating revenues	Operating expenses	Non-operating income	Taxes deducted	Gross income	Deductions from gross income	Income balance for year
A.	Aroostook Tel. & Tel. Co.....	\$333,017.35	\$264,131.53	\$631.66	\$19,759.43	\$49,758.05	\$47,187.71	\$2,570.34
B.	Eastern Tel. & Tel. Co.....	138,400.32	99,068.93	387.92	5,947.38	33,771.93	28,867.90	4,904.03
C.	Fort Kent Telephone Co.....	15,362.70	14,718.35	.....	631.10	13.25	.....	13.25
C.	Franklin Farmers Co-op. Tel. Co.....	17,549.10	18,081.88	23.16	340.05	*849.67	.....	*849.67
C.	Katahdin Farmers Tel. Co.....	26,758.19	21,939.10	420.00	684.31	4,554.78	4,360.00	194.78
C.	Lewiston, Greene & Monmouth Tel. Co.....	27,931.14	23,621.45	958.91	1,113.68	4,154.92	2,819.60	1,335.32
A.	Maine Tel. & Tel. Co.....	316,420.57	236,529.00	2,095.50	21,322.90	60,664.17	57,760.24	2,903.93
B.	Moosehead Tel. & Tel. Co.....	101,776.65	70,388.17	405.22	5,603.23	26,190.47	4,112.21	22,078.26
C.	Nash Telephone Co.....	22,665.92	17,033.08	.....	751.15	4,881.69	1,368.00	3,513.69
A.	New England Tel. & Tel. Co.....	5,088,366.37	3,584,163.12	16,664.47	380,920.22	1,139,947.50	49,769.30	1,090,178.20
C.	Oxford County Tel. & Tel. Co.....	15,058.15	13,148.65	388.50	503.47	1,794.53	878.17	916.36
C.	Pine Tree Telephone Co.....	11,214.01	10,209.50	.....	228.51	776.00	873.00	*97.00
C.	Poland Telephone Co.....	21,729.15	15,546.22	.....	425.06	5,757.87	3,190.49	2,567.38
C.	Saco River Tel. & Tel. Co.....	13,207.15	12,120.17	.....	276.97	810.01	.....	810.01
C.	Somerset Farmers Co-op. Tel. Co.....	15,278.60	16,963.59	.....	.....	*1,684.99	5.00	*1,689.99
C.	Unity Telephone Co.....	13,151.93	11,223.46	751.35	256.85	2,422.97	2,094.90	328.07
	Totals.....	\$6,177,887.30	\$4,423,886.20	\$22,726.69	\$438,764.31	\$1,332,963.48	\$203,286.52	\$1,129,676.96

*Loss.

SCHEDULE NO. 31

Statement of the Income Account of Telephone Companies, Year Ended December 31, 1929. Classes A, B, & C.

NAME OF COMPANY	OPERATING REVENUES				OPERATING EXPENSES				
	Exchange service revenues	Toll service revenues	Miscellaneous revenues	Total revenues	Maintenance expenses	Traffic expenses	Commercial expenses	General and miscellaneous expenses	Total operating expenses
Aroostook Tel. & Tel. Co.	\$204,894.35	\$130,726.77	*\$2,603.77	\$333,017.35	\$114,408.08	\$94,546.61	\$31,318.05	\$22,190.97	\$262,463.71
Eastern Tel. & Tel. Co....	93,830.60	45,374.68	*804.96	138,400.32	45,679.82	35,662.28	7,781.82	9,272.32	98,396.24
Fort Kent Tel. Co.....	10,639.95	3,595.95	1,126.80	15,362.70	5,285.27	5,483.85	.....	3,198.08	13,967.20
Franklin Farmers Co-op. Tel. Co.....	16,070.05	1,479.05	.....	17,549.10	5,281.84	8,910.14	.....	3,889.90	18,081.88
Kathadin Farmers Tel. Co.....	15,268.87	11,296.85	192.47	26,758.19	7,516.24	7,923.53	.....	5,823.00	21,262.77
Lewiston, Greene & Monmouth Tel. Co....	17,110.95	10,305.74	514.45	27,931.14	10,779.26	7,181.44	.....	5,660.75	23,621.45
Maine Tel. & Tel. Co....	197,878.47	120,269.33	*1,727.23	316,420.57	121,820.84	76,815.19	18,816.79	18,053.66	235,506.48
Moosehead Tel. & Tel. Co.....	62,391.14	39,860.90	*475.39	101,776.65	33,798.32	24,083.30	5,084.01	6,627.78	69,593.41
Nash Telephone Co.....	14,926.23	1,847.91	5,891.78	22,665.92	10,261.00	3,505.91	.....	3,266.17	17,033.08
New England Tel. & Tel. Co.....	3,055,568.89	2,025,490.29	7,307.19	5,088,366.37	1,800,326.98	1,148,297.15	426,602.70	194,991.48	3,570,218.31
Oxford County Tel. & Tel. Co.....	10,901.94	4,156.21	388.50	15,446.65	6,023.01	4,249.88	.....	2,875.76	13,148.65
Pine Tree Tel. Co.....	8,597.92	2,616.09	.....	11,214.01	4,983.71	2,362.58	.....	2,863.21	10,209.50
Poland Telephone Co....	9,795.26	11,699.39	234.50	21,729.15	7,163.27	5,695.56	.....	2,687.39	15,546.22
Saco River Tel. & Tel. Co.	9,292.86	3,846.02	68.27	13,207.15	9,172.17	.....	.....	2,948.00	12,120.17
Somerset Farmers Co-op. Tel. Co.....	13,295.40	1,444.58	538.62	15,278.60	12,296.54	.....	.....	4,667.05	16,963.59
Unity Telephone Co.....	13,151.93	.....	.....	13,151.93	4,345.19	3,749.78	.....	3,128.49	11,223.46
Totals.....	\$3,753,614.81	\$2,414,009.76	\$10,651.23	\$6,178,275.80	\$2,199,141.54	\$1,428,467.20	\$489,603.37	\$292,144.01	\$4,409,356.12

*Debit Balance account of License Charges.

PUBLIC UTILITIES COMMISSION REPORT

TABULATED STATEMENTS

COMPILED FROM THE

Reports of
Water Companies

FOR THE

Year Ended December 31, 1929

SCHEDULE NO. 36

Statement of Assets, Water Utilities, Year Ended December 31, 1929

NAME OF COMPANY	Fixed capital	Other fixed capital	Total fixed capital	Current assets	Misc. assets	Unadjusted debits	Total assets
Auburn Water District.....	\$872,188.97		\$872,188.97	\$21,504.82	\$34,015.47		\$927,709.26
Augusta Water District.....	1,375,271.41		1,375,271.41	25,672.74	61,560.90	\$4,491.33	1,466,996.38
Bangor, City of, Water Dept.	1,958,894.31		1,958,894.31	27,470.46	423,617.43	1,874.80	2,411,857.00
Bar Harbor Water Co.....	419,493.66		419,493.66	10,266.99	21,568.87		451,329.52
Bath Water District.....	708,913.51		708,913.51	10,207.92	152,132.33		871,253.76
Belfast Water District.....	173,692.49		173,692.49	5,779.35	500.00		179,971.84
Biddeford & Saco Water Co.....	1,764,683.04		1,764,683.04	30,669.81	10,937.27	55,777.69	1,862,067.81
Boothbay Harbor Water System.....	196,456.51		196,456.51	9,588.39	170.94	1,190.00	207,405.84
Brunswick & Topsham Water District.....	521,249.03		521,249.03	17,887.69	42,434.46	2,064.38	583,635.56
Calais Water & Power Co.....	250,808.61		250,808.61	16,681.55	27,536.57	1,800.00	296,826.73
Camden & Rockland Water Co.....	1,635,014.19		1,635,014.19	28,558.98	10,284.71	31,496.69	1,705,354.57
Caribou Water, Light & Power Co.....	205,630.08	\$381,728.78	587,358.86	79,326.65		11,943.96	678,629.47
Casco Bay Light & Water Co.....	325,980.17	346,461.42	672,441.59	12,303.60	13,571.50	24,362.89	722,679.58
Castine Water Co.....	114,673.69		114,673.69	1,188.80		504.96	116,367.45
Central Maine Power Co. Consolidated in Electric Report.....							
Damariscotta Newcastle Water Co.....	153,190.84		153,190.84	5,773.50	2,487.02	3,030.50	164,481.86
Dexter Water Works.....	86,885.28		86,885.28	9,094.46			95,979.74
Dover & Foxcroft Water District.....	330,592.62	28,149.97	358,742.59	1,820.40	40,891.69	425.98	401,880.66
Eastport Water Co.....	257,969.14		257,969.14	12,523.47	516.15		271,008.76
Farmington Village Corporation.....	159,861.27		159,861.27	5,232.01			165,093.28
Frontier Water Co.....	108,672.15		108,672.15	3,140.90		7,461.90	119,274.95
Gardiner Water District.....	421,691.79		421,691.79	17,690.23	88,551.44		527,933.46

SCHEDULE NO. 36—Continued

Statement of Liabilities, Water Utilities, Year Ended December 31, 1929

NAME OF COMPANY	Capital stock	Long term debt	Current liabilities	Accrued liabilities	Unadjusted credits	Surplus	Total liabilities
Auburn Water District.....		\$351,700.00	\$3,277.90		\$144,117.90	\$428,613.46	\$927,709.26
Augusta Water District.....		747,500.00	251.00	\$10,658.33	425,319.69	283,267.36	1,466,996.38
Bangor, City of, Water Dept.....		635,000.00	10,791.30	1,800.00	579,924.87	1,184,340.83	2,411,857.00
Bar Harbor Water Co.....	\$139,050.00	125,000.00			79,853.51	107,426.01	451,329.52
Bath Water District.....		560,000.00	717.60		243,982.12	66,554.64	871,253.76
Belfast Water District.....		144,000.00			27,159.64	8,812.20	179,971.84
Biddeford & Saco Water Co.....	799,900.00	826,000.00	34,233.50	15,899.14	144,183.99	41,851.18	1,862,067.81
Boothbay Harbor Water System.....		40,000.00		150.00	24,403.60	142,852.24	207,405.84
Brunswick & Topsham Water District.....		363,000.00		7,423.75	212,088.38	1,203.43	583,635.56
Calais Water & Power Co.....	200,000.00	50,000.00		625.00	27,836.57	18,365.16	296,826.73
Camden & Rockland Water Co.....	698,400.00	737,000.00	52,260.43	8,834.20	78,870.65	129,989.29	1,705,354.57
Caribou Water, Light & Power Co.....	50,300.00	155,000.00	205,433.56	775.00	153,940.38	113,180.53	678,629.47
Casco Bay Light & Water Co.....	350,000.00	213,500.00	73,382.88	3,211.64	45,702.75	36,882.31	722,679.58
Castine Water Co.....	50,000.00	50,000.00		1,250.00		15,117.45	116,367.45
Central Maine Power Co. Consolidated in Electric Report.....							
Damariscotta Newcastle Water Co.....	50,000.00	65,000.00	8,090.14	998.14	6,265.48	34,128.10	164,481.86
Dexter Water Works.....		34,000.00	5,955.25			56,024.49	95,979.74
Dover & Foxcroft Water District.....		220,000.00	2,857.01	998.95	65,666.33	112,358.37	401,880.66
Eastport Water Co.....	100,000.00	180,000.00	44,115.91	2,887.77	12,567.41	*68,562.33	271,008.76
Farmington Village Corporation.....		85,000.00	587.67			79,505.61	165,093.28
Frontier Water Co.....	30,000.00	50,000.00	862.90	916.68	15,168.72	22,326.65	119,274.95
Gardiner Water District.....		324,500.00			136,614.26	66,819.20	527,933.46

PUBLIC UTILITIES COMMISSION REPORT

SCHEDULE NO. 36—Continued
Statement of Assets, Water Utilities, Year Ended December 31, 1929

NAME OF COMPANY	Fixed capital	Other fixed capital	Total fixed capital	Current assets	Misc. assets	Unadjusted debits	Total assets
Greenville Water Co.	\$128,071.23		\$128,071.23	\$19,486.67	\$83.44		\$147,641.34
Guilford Water Co.	130,325.97	\$10,131.65	140,457.62	17,462.33	22.08		157,942.03
Hallowell Water District.	105,384.28		105,384.28	4,163.78	19,174.10		128,722.16
Houlton Water Co.	222,591.24		222,591.24	10,273.75	32,043.99		264,908.98
Kennebec Water District.	1,401,644.73		1,401,644.73	15,388.39	108,186.82	\$14,152.52	1,539,372.46
Kennebunk, Kennebunkport & Wells Water District.	1,145,988.48		1,145,988.48	48,520.52	4,837.50		1,199,346.50
Kittery Water District.	647,598.95		647,598.95	21,192.41	11,237.50		680,028.86
Lewiston Water Commissioners, City of.	1,131,211.10		1,131,211.10	183,088.73			1,314,299.83
Lincoln Water Co.	140,220.76		140,220.76	3,466.47		16,480.08	160,167.31
Lisbon Water Works.	191,946.41		191,946.41	12,071.76	6.40		204,024.57
Livermore Falls Water District.	180,613.89		180,613.89	10,668.70			191,282.59
Machias Water Co.	101,740.63		101,740.63	5,962.91			107,703.54
Madison Water District.	203,545.94		203,545.94	18,505.16	8.75	6,666.72	228,726.57
Mexico Water Co.	80,627.32		80,627.32	6,065.17		51,950.00	138,642.49
Millinocket Water Co.	161,168.82		161,168.82	6,214.37	3,050.00		170,433.19
Milo Water Co.	132,154.05	24,879.24	157,033.29	16,094.16		9,401.85	182,529.30
Northeast Harbor Water Co.	67,856.83		67,856.83	14,194.28	40,355.88		122,406.99
Norway Water Co.	103,905.30		103,905.30	30,022.66	1,243.73	457.29	135,628.98
Oakland Water Co.	101,071.26		101,071.26		9,366.69		110,437.95
Old Town Water District.	443,131.63		443,131.63	5,753.35	167.87	11,186.11	460,238.96
Penobscot County Water Co.	759,935.72		759,935.72	53,996.13	698.13	6,206.43	820,836.41

SCHEDULE NO. 36—Continued

Statement of Liabilities, Water Utilities, Year Ended December 31, 1929

NAME OF COMPANY	Capital stock	Long term debt	Current liabilities	Accrued liabilities	Unadjusted credits	Surplus	Total liabilities
Greenville Water Co.....	\$112,750.00		\$2,658.17		\$21,529.50	\$10,703.67	\$147,641.34
Guilford Water Co.....	79,950.00	\$40,000.00	4,842.17	\$833.33	11,225.00	21,091.53	157,942.03
Hallowell Water District.....		35,000.00			20,077.54	73,644.62	128,722.16
Houlton Water Co.....	50,000.00	122,500.00	4,086.79	1,543.75	52,179.60	34,598.84	264,908.98
Kennebec Water District.....		950,000.00	690.00	8,130.34	475,162.77	105,389.35	1,539,372.46
Kennebunk, Kennebunkport & Wells Water District.....		1,075,000.00	41,740.47	9,562.50	18,848.74	54,194.79	1,199,346.50
Kittery Water District.....		122,596.94	10,500.00		123,208.08	423,723.84	680,028.86
Lewiston Water Commissioners, City of.....		430,000.00	3,585.51	4,090.00		876,624.32	1,314,299.83
Lincoln Water Co.....	50,000.00	75,000.00	18,620.52	937.50	6,800.00	8,809.29	160,167.31
Lisbon Water Works.....		90,000.00		1,885.96	22,254.39	89,884.22	204,024.57
Livermore Falls Water District.....		100,000.00			28,919.47	62,363.12	191,282.59
Machias Water Co.....	50,000.00	41,500.00	940.00	416.67		14,846.87	107,703.54
Madison Water District.....		136,000.00		1,813.33	4,731.08	86,182.16	228,726.57
Mexico Water Co.....	50,000.00	50,000.00		1,145.83	7,429.76	30,066.90	138,642.49
Millinocket Water Co.....	120,000.00			680.79	32,545.57	17,206.83	170,433.19
Milo Water Co.....	96,800.00	121,000.00	10,826.71	1,512.50	14,894.79	*62,504.70	182,529.30
Northeast Harbor Water Co.....	23,000.00	18,000.00	2,776.13	375.00	29,108.20	49,147.66	122,406.99
Norway Water Co.....	59,900.00	36,000.00	5,284.18	583.33	23,281.81	10,579.66	135,628.98
Oakland Water Co.....	50,000.00	40,000.00	597.85	800.00	10,420.00	8,620.10	110,437.95
Old Town Water District.....		343,000.00	95,173.74	1,164.75	4,279.90	16,620.57	460,238.96
Penobscot County Water Co.....	403,000.00	250,000.00	100,838.85	4,338.61	17,685.93	44,973.02	820,836.41

SCHEDULE NO. 36—Continued
Statement of Assets, Water Utilities, Year Ended December 31, 1929

NAME OF COMPANY	Fixed capital	Other fixed capital	Total fixed capital	Current assets	Misc. assets	Unadjusted debits	Total assets
Pittsfield Water Works	\$108,635.07		\$108,635.07	\$6,314.26	\$2,000.00		\$116,949.33
Portland Water District	8,772,300.52		8,772,300.52	158,066.93	118,639.67	\$85,181.46	9,134,188.58
Presque Isle Water Co.	223,757.71		223,757.71	17,175.39	69.28		241,002.38
Richmond Water Works	52,469.87		52,469.87	4,184.27			56,654.14
Rumford & Mexico Water District	497,414.26		497,414.26	9,725.54	72,352.90		579,492.70
Sanford Water Co.	300,547.83		300,547.83	9,417.18	287.75		310,252.76
Skowhegan Water Co.	190,073.14		190,073.14	26,879.72	285.71		217,238.57
So. Paris Village Corp., Water Works	90,183.77		90,183.77	5,769.60			95,953.37
Southwest Harbor Water Co.	75,151.47		75,151.47	8,928.29	85.50	3,000.00	87,165.26
Springvale Aqueduct Co.	131,126.73		131,126.73	3,762.66	86.80		134,976.19
Van Buren Water District	124,619.69		124,619.69	15,116.80			139,736.49
Wilton Water Co.	141,490.61		141,490.61	6,300.35	960.00	400.94	149,151.90
Winthrop Water District	112,400.39		112,400.39	3,859.31	2,000.00	475.00	118,734.70
Wiscasset Water Co.	85,512.65		85,512.65	4,468.99	2,200.00		92,181.64
Woodland Light & Water Co.	93,522.14	\$19,511.33	113,033.47	5,389.34	24,315.00		142,737.81
Yarmouth Water District	133,932.50		133,932.50	9,816.32	15,283.68	6,668.17	165,700.67
York Shore Water Co.	340,632.61		340,632.61	14,643.67	480.00	6,407.95	362,164.23
Totals	\$31,096,318.26	\$810,862.39	\$31,907,180.65	\$1,164,793.04	\$1,400,305.92	\$365,059.60	\$34,837,339.21

SCHEDULE NO. 36—Concluded

Statement of Liabilities, Water Utilities, Year Ended December 31, 1929

NAME OF COMPANY	Capital stock	Long term debt	Current liabilities	Accrued liabilities	Unadjusted credits	Surplus	Total liabilities
Pittsfield Water Works		\$30,000.00			\$9,264.07	\$77,685.26	\$116,949.33
Portland Water District		6,050,000.00	\$79,882.74	\$60,166.67	2,911,318.43	32,820.74	9,134,188.58
Presque Isle Water Co.	\$94,650.00	90,000.00	8,001.34		18,903.84	29,447.20	241,002.38
Richmond Water Works	42,000.00				2,036.18	12,617.96	56,654.14
Rumford & Mexico Water District		418,500.00	50.32	2,333.33	101,745.16	56,863.89	579,492.70
Sanford Water Co.	100,000.00		898.59	2,071.85	68,964.99	138,317.33	310,252.76
Skowhegan Water Co.	91,200.00	61,000.00	1,352.43	2,128.67	28,402.83	33,154.64	217,238.57
So. Paris Village Corp., Water Works		30,000.00	939.91	318.75	12,013.23	52,681.48	95,953.37
Southwest Harbor Water Co.	40,000.00	36,000.00	4,959.08	300.00	408.72	5,497.46	87,165.26
Springvale Aqueduct Co.	40,000.00	35,000.00	13,718.91	729.15	18,043.65	27,484.48	134,976.19
Van Buren Water District		95,000.00	13,558.06	333.33	12,800.00	18,045.10	139,736.49
Wilton Water Co.	53,000.00	15,000.00	1,933.10		56,470.86	22,747.94	149,151.90
Winthrop Water District		100,000.00	11,281.71		6,511.40	941.59	118,734.70
Wiscasset Water Co.	36,965.00	40,000.00	1,693.33		6,500.00	7,023.31	92,181.64
Woodland Light & Water Co.	102,600.00		1,719.45		37,918.50	499.86	142,737.81
Yarmouth Water District		63,500.00		580.83	26,893.68	74,726.16	165,700.67
York Shore Water Co.	62,400.00	60,000.00	2,593.85	750.00	19,798.00	216,622.38	362,164.23
Totals	\$4,275,865.00	\$17,155,796.94	\$888,560.96	\$165,955.37	\$6,686,161.92	\$5,664,999.02	\$34,837,339.21

*Debit Balance.

SCHEDULE NO. 37

Statement of the Income Account of Water Utilities, Year Ended December 31, 1929

NAME OF COMPANY	Operating revenues	Operating expenses	Taxes	Net revenue from other operations	Non-operating income	Gross income	Deductions from gross income	Net income
Auburn Water District	\$55,327.42	\$30,016.00			\$5,179.38	\$30,490.80	\$21,353.00	\$9,137.80
Augusta Water District	95,975.10	39,944.59	\$689.58		2,115.39	57,456.32	42,182.55	15,273.77
Bangor, City of, Water Dept.	150,972.95	95,264.40	291.20		1,603.33	57,020.68	25,910.35	31,110.33
Bar Harbor Water Co.	41,808.89	23,513.99	5,898.32		1,266.65	13,662.73	6,250.00	7,412.73
Bath Water District	69,953.24	39,596.93	54.85		2,163.94	32,465.37	28,725.95	3,739.42
Belfast Water District	24,437.95	14,556.90	98.00		680.50	10,463.55	8,880.00	1,583.55
Biddeford & Saco Water Co.	179,230.72	62,320.64	8,847.15		3,175.08	111,238.01	47,080.12	64,157.89
Boothbay Harbor Water System	25,107.18	12,359.65			138.34	12,905.87	1,546.51	11,359.36
Brunswick & Topsham Water District ..	47,076.60	28,764.33			2,999.09	16,311.31	17,428.06	*1,116.75
Calais Water & Power Co.	47,235.44	26,813.57	8,757.42		2,250.63	13,915.08	3,200.00	10,715.08
Camden & Rockland Water Co.	129,805.18	38,344.06	19,800.53		1,548.06	73,208.65	43,704.11	29,504.54
Caribou Water, Light & Power Co.	21,469.38	12,774.30		\$49,334.46	8,635.40	66,664.94	27,147.85	39,517.09
Caseo Bay Light & Water Co.	20,241.90	11,055.84	2,556.63	19,114.90	371.38	26,115.71	15,165.36	10,950.35
Castine Water Co.	10,274.82	3,931.78	1,458.50		150.70	5,035.24	3,037.17	1,998.07
Central Maine Power Co.	15,585.71	4,770.87				10,814.84		10,814.84
Damariscotta Newcastle Water Co.	14,976.76	5,316.55	1,691.46		389.22	8,357.97	5,384.90	2,973.07
Dexter Water Works	11,324.35	6,538.26			57.21	4,843.30	1,225.00	3,618.30
Dover & Foxcroft Water District	17,412.79	7,754.63	2.94	3,000.00	1,580.56	14,235.78	12,854.58	1,381.20
Eastport Water Co.	23,359.41	8,992.58	1,084.00		287.40	13,570.23	9,800.00	3,770.23
Farmington Village Corporation	13,528.85	3,572.76			35.94	9,992.03	3,977.00	6,015.03
Frontier Water Co.	14,287.08	8,378.01	1,179.25		26.78	4,756.60	2,835.73	1,920.87
Gardiner Water District	40,164.05	22,274.28			1,352.78	19,242.55	15,095.28	4,147.27

SCHEDULE NO. 37—Continued

Statement of the Income Account of Water Utilities, Year Ended December 31, 1929

NAME OF COMPANY	Operating revenues	Operating expenses	Taxes	Net revenue from other operations	Non-operating income	Gross income	Deductions from gross income	Net income
Greenville Water Co.....	\$13,524.56	\$4,398.26	\$548.83		\$637.11	\$9,214.58	\$2.92	\$9,211.66
Guilford Water Co.....	10,919.87	3,339.61	248.80	\$926.99	567.33	8,825.78	2,061.48	6,764.30
Hallowell Water District.....	12,484.53	8,213.45			75.47	4,346.55	2,684.88	1,661.67
Houlton Water Co.....	26,283.53	18,657.92	5.00		3,984.91	11,605.52	9,012.50	2,593.02
Kennebec Water District.....	133,555.70	55,168.98	1,296.05		317.46	77,408.13	69,189.69	17,218.44
Kennebunk, Kennebunkport & Wells Water District.....	93,579.43	40,003.61			1,164.98	54,740.80	49,062.51	5,678.29
Kittery Water District.....	40,380.85	21,706.65			132.84	18,807.04	4,850.00	13,957.04
Lewiston Water Commissioners, City of.....	89,921.40	35,895.39			1,835.73	55,861.74	20,400.00	35,461.74
Lincoln Water Co.....	13,255.67	7,549.21	1,255.00		15.62	4,467.08	3,935.00	532.08
Lisbon Water Works.....	15,816.26	4,078.06			2,605.44	14,343.64	9,576.22	4,767.42
Livermore Falls Water District.....	19,949.94	11,624.03			13.33	8,339.24	5,505.00	2,834.24
Machias Water Co.....	11,713.52	5,393.41	950.00		62.46	5,432.57	2,809.77	2,622.80
Madison Water District.....	18,290.92	4,130.73			394.43	14,554.62	5,856.66	8,697.96
Mexico Water Co.....	11,779.79	3,913.64	588.12			7,278.03	4,150.30	3,127.73
Millinocket Water Co.....	18,219.75	9,197.09	10.00		133.80	9,146.46	102.50	9,043.96
Milo Water Co.....	23,065.67	11,742.75	4,870.08	2,635.36	468.23	9,550.43	6,767.83	2,788.60
Northeast Harbor Water Co.....	13,515.25	7,468.70	1,439.18		2,166.98	6,774.35	900.00	5,874.35
Norway Water Co.....	16,614.99	6,552.87	1,612.25		944.25	9,394.12	1,780.16	7,613.96
Oakland Water Co.....	11,561.19	6,577.22	257.21		875.64	5,602.40	2,400.00	3,202.40
Old Town Water District.....	43,265.91	20,407.20			366.08	23,224.79	15,626.10	7,598.69
Penobscot County Water Co.....	85,893.79	32,081.05	15,694.49		2,637.16	40,755.41	20,830.76	19,924.65

SCHEDULE NO. 37—Concluded

Statement of the Income Account of Water Utilities, Year Ended December 31, 1929

NAME OF COMPANY	Operating revenues	Operating expenses	Taxes	Net revenue from other operations	Non-operating income	Gross income	Deductions from gross income	Net income
Pittsfield Water Works.....	\$11,014.10	\$7,296.56			\$144.14	\$3,861.68	\$1,200.00	\$2,661.68
Portland Water District.....	577,715.22	255,584.98	\$8,725.16		7,921.68	321,326.76	308,298.47	13,028.29
Presque Isle Water Co.....	23,816.99	10,997.48	882.55		736.16	12,673.12	4,930.20	7,742.92
Richmond Water Works.....	11,175.50	7,728.06	146.82		14.31	3,314.93	28.59	3,286.34
Rumford & Mexico Water District.....	43,888.11	15,930.20			3,083.06	31,040.97	18,025.00	13,015.97
Sanford Water Co.....	49,038.89	25,307.48	3,336.40		95.26	20,490.27	2,221.84	18,268.43
Skowhegan Water Co.....	25,688.89	11,586.17	10.00		1,074.07	15,166.79	3,660.00	11,506.79
So. Paris Village Corp. Water Works.....	11,877.66	3,797.75			347.50	8,427.41	1,408.75	7,018.66
Southwest Harbor Water Co.....	10,336.94	3,889.60	430.00		43.24	6,060.58	1,924.17	4,136.41
Springvale Aqueduct Co.....	14,379.59	6,089.23	1,233.96			7,056.40	2,427.17	4,629.23
Van Buren Water District.....	13,208.36	5,973.49			14.56	7,249.43	5,346.77	1,902.66
Wilton Water Co.....	17,252.10	6,767.06	596.43		17.50	9,906.11	876.11	9,030.00
Winthrop Water District.....	10,316.48	5,426.58				4,889.90	4,709.76	180.14
Wiscasset Water Co.....	11,258.69	4,789.11	2,615.00		118.65	3,973.23	2,000.00	1,973.23
Woodland Light & Water Co.....	11,014.13	13,612.80	1,058.34	\$3,802.51	1,090.61	1,236.11	273.96	962.15
Yarmouth Water District.....	15,107.02	10,734.18			960.37	5,333.21	4,542.52	790.69
York Shore Water Co.....	50,978.52	8,895.16	7,384.61		986.51	35,685.26	3,065.66	32,619.60
Totals.....	\$2,696,215.48	\$1,229,340.69	\$107,604.64	\$78,814.22	\$72,054.63	\$1,510,139.00	\$936,226.77	\$573,912.23

*Loss.

SCHEDULE NO. 38

Statement of the Operating Revenues of Water Utilities, Year Ended December 31, 1929

NAME OF COMPANY.	Commercial sales	Industrial sales	Street sprinkling sales	Earnings from hydrant rentals	Miscellaneous revenues	Total operating revenues
Auburn Water District	\$47,190.24	\$8,137.18				\$55,327.42
Augusta Water District	89,757.10		\$268.00	\$5,905.00	\$45.00	95,975.10
Bangor, City of, Water Dept.	118,042.42	19,338.53	1,910.00	11,070.00	612.00	150,972.95
Bar Harbor Water Co.	37,665.89	18.00	1,375.00	2,750.00		41,808.89
Bath Water District	52,568.72	8,858.05		8,526.47		69,953.24
Belfast Water District	20,960.06	3,297.89		180.00		24,437.95
Biddeford & Saco Water Co.	120,763.85	14,174.83		44,126.09	165.95	179,230.72
Boothbay Harbor Water System ..	20,217.57	1,519.61		3,370.00		25,107.18
Brunswick & Topsham Water District.	37,667.35			4,401.25	8.00	42,076.60
Calais Water & Power Co.	33,805.46			13,429.98		47,235.44
Camden & Rockland Water Co.	91,497.32	21,772.53	3,429.50	13,105.83		129,805.18
Caribou Water, Light & Power Co.	17,150.88	181.50		4,125.00	12.00	21,469.38
Casco Bay Light & Water Co.	15,076.47			3,080.66	2,084.77	20,241.90
Castine Water Co.	8,229.82			2,045.00		10,274.82
Central Maine Power Co.	8,619.09	3,354.28		3,612.34		15,585.71
Damariscotta Newcastle Water Co.	12,141.76			2,835.00		14,976.76
Dexter Water Works	11,324.35					11,324.35
Dover & Foxcroft Water District ..	15,641.32	1,202.40		480.00	89.07	17,412.79
Eastport Water Co.	13,996.51	4,729.58		4,633.32		23,359.41
Farmington Village Corporation	13,528.85					13,528.85
Frontier Water Co.	9,950.26	250.00	21.19	2,875.00	1,190.63	14,287.08
Gardiner Water District	31,854.75	3,859.30	125.00	4,325.00		40,164.05

SCHEDULE NO. 38—Continued
Statement of the Operating Revenues of Water Utilities, Year Ended December 31, 1929

NAME OF COMPANY	Commercial sales	Industrial sales	Street sprinkling sales	Earnings from hydrant rentals	Miscellaneous revenues	Total operating revenues
Greenville Water Co.....	\$7,667.29	\$2,802.16		\$3,055.11		\$13,524.56
Guilford Water Co.....	7,391.34	700.97		1,927.56	\$900.00	10,919.87
Hallowell Water District.....	10,969.73			1,500.00	14.80	12,484.53
Houlton Water Co.....	22,183.53			4,100.00		26,283.53
Kennebec Water District.....	96,614.09	26,138.23	\$84.68	10,570.00	148.70	133,555.70
Kennebunk, Kennebunkport & Wells Water Dist.	78,737.79	4,373.12		10,468.52		93,579.43
Kittery Water District.....	15,009.44	23,871.41		1,500.00		40,380.85
Lewiston Water Commissioners, City of	73,096.18	16,825.22				89,921.40
Lincoln Water Co.....	7,940.46			4,350.00	965.21	13,255.67
Lisbon Water Works.....	8,256.26			7,560.00		15,816.26
Livermore Falls Water District	17,541.94	78.00		2,200.00	130.00	19,949.94
Machias Water Co.....	8,310.90	626.90	300.57	2,452.50	22.65	11,713.52
Madison Water District.....	13,164.60	201.32		4,925.00		18,290.92
Mexico Water Co.....	10,474.79			1,230.00	75.00	11,779.79
Millinocket Water Co.....	15,109.09	605.04	87.91	2,200.00	217.71	18,219.75
Milo Water Co.....	13,795.63	790.04		8,480.00		23,065.67
Northeast Harbor Water Co.....	13,515.25					13,515.25
Norway Water Co.....	12,658.51	1,417.44		2,329.46	209.58	16,614.99
Oakland Water Co.....	8,869.89	516.30		1,875.00		11,561.19
Old Town Water District.....	32,194.87	2,746.04		8,325.00		43,265.91
Penobscot County Water Co.....	63,294.96	8,191.83		14,405.00	2.00	85,893.79

SCHEDULE NO. 38—Concluded

Statement of the Operating Revenues of Water Utilities, Year Ended December 31, 1929

NAME OF COMPANY	Commercial sales	Industrial sales	Street sprinkling sales	Earnings from hydrant rentals	Miscellaneous revenues	Total operating revenues
Pittsfield Water Works	\$8,371.91	\$642.19		\$2,000.00		\$11,014.10
Portland Water District	427,030.81	114,748.17	\$64.62	20,975.00	\$14,896.62	577,715.22
Presque Isle Water Co.	16,430.60	3,673.16		3,672.23	41.00	23,816.99
Richmond Water Works	8,095.50			3,080.00		11,175.50
Rumford & Mexico Water District	30,193.43	3,564.68	10,130.00			43,888.11
Sanford Water Co.	40,153.55	5,552.34		3,333.00		49,038.89
Skowhegan Water Co.	19,867.60	2,420.26		3,391.88	9.15	25,688.89
So. Paris Village Corp. Water Works	7,864.86	1,962.80		2,050.00		11,877.66
Southwest Harbor Water Co.	8,411.50	1,025.44		900.00		10,336.94
Springvale Aqueduct Co.	12,275.07	138.05		1,966.47		14,379.59
Van Buren Water District	10,643.36			2,565.00		13,208.36
Wilton Water Co.	11,783.64	3,223.69		2,105.00	139.77	17,252.10
Winthrop Water District	7,971.07			1,612.50	732.91	10,316.48
Wiscasset Water Co.	4,631.29	1,673.40		4,909.00	45.00	11,258.69
Woodland Light & Water Co.	8,314.13			2,700.00		11,014.13
Yarmouth Water District	10,804.90	1,232.12		3,070.00		15,107.02
York Shore Water Co.	45,746.02			5,212.50	20.00	50,978.52
Totals	\$2,043,035.82	\$320,734.00	\$17,796.47	\$291,871.67	\$22,777.52	\$2,696,215.48

SCHEDULE NO. 39

Statement of Operating Expenses, Water Utilities, Year Ended
December 31, 1929

NAME OF COMPANY	Pumping expense operation	Water purchased	Pumping expense maintenance
Auburn Water District.....	\$6,638.66		\$2,072.99
Augusta Water District.....	3,004.68		757.27
Bangor, City of, Water Dept.....	12,604.17		9,553.83
Bar Harbor Water Co.....			
Bath Water District.....	13,674.26		1,814.58
Belfast Water District.....	3,892.76		1,224.46
Biddeford & Saco Water Co.....	18,461.58		1,020.84
Boothbay Harbor Water System.....	4,054.50		385.91
Brunswick & Topsham Water District.....	8,470.56		2,572.48
Calais Water & Power Co.....	266.40	\$8,559.61	38.90
Camden & Rockland Water Co.....	493.11		283.39
Caribou Water, Light & Power Co.....	4,445.80		167.78
Casco Bay Light & Water Co.....	101.51	4,500.00	252.75
Castine Water Co.....	310.10		206.12
Central Maine Power Co.....	2,174.85		284.60
Damariscotta Newcastle Water Co.....	1,103.44		113.93
Dexter Water Works.....	2,383.52		685.55
Dover & Foxcroft Water District.....			39.00
Eastport Water Co.....	3,114.50		545.43
Farmington Village Corporation.....			
Frontier Water Co.....	1,178.69		948.95
Gardiner Water District.....	2,655.46		592.51
Greenville Water Co.....			16.00
Guilford Water Co.....			105.31
Hallowell Water District.....	484.11	1,641.92	412.31
Houlton Water Co.....	8,214.12		243.22
Kennebec Water District.....	6,079.68		1,153.22
Kennebunk, Kennebunkport & Wells Water Dist.....	16,821.51		1,633.78
Kittery Water District.....			
Lewiston Water Commissioners, City of.....	10,935.22		3,468.92
Lincoln Water Co.....	2,444.29		989.00
Lisbon Water Works.....	2,308.36		285.03
Livermore Falls Water District.....	1,789.74		
Machias Water Co.....	1,886.47		365.52
Madison Water District.....			
Mexico Water Co.....	1,863.86		
Millinocket Water Co.....			
Milo Water Co.....	1,826.38		78.99
Northeast Harbor Water Co.....	494.11		9.86
Norway Water Co.....	1,923.78		100.36
Oakland Water Co.....	694.40		792.20
Old Town Water District.....	8,153.82		186.13
Penobscot County Water Co.....	11,883.65		947.73
Pittsfield Water Works.....	1,056.97		413.51
Portland Water District.....	1,546.65		60.10
Presque Isle Water Co.....	2,786.51		237.66
Richmond Water Works.....	1,927.50		744.09
Rumford & Mexico Water District.....			
Sanford Water Co.....	12,296.12		291.89
Skowhegan Water Co.....	3,574.72		151.75
So. Paris Village Corp., Water Works.....		209.50	
Southwest Harbor Water Co.....	1,292.38		129.46
Springvale Aqueduct Co.....	377.30		26.25
Van Buren Water District.....	315.89		171.00
Wilton Water Co.....			45.00
Winthrop Water District.....	973.38		7.00
Wiscasset Water Co.....	767.96		160.07
Woodland Light & Water Co.....		3,380.70	
Yarmouth Water District.....	1,239.51		37.59
York Shore Water Co.....	16.37		41.81
Total.....	\$195,003.31	\$18,291.73	\$36,866.03

SCHEDULE NO. 39

Water Operating Expenses—Continued

Purification expense operation	Purification expense maintenance	Distribution operation	Distribution maintenance	Commercial expense	General and miscellaneous expense	Total operating expenses
	\$273.95	\$1,136.95	\$3,925.13	\$1,913.88	\$14,054.44	\$30,016.00
\$201.63	251.84	2,565.63	6,208.35	2,398.23	25,246.54	40,634.17
16,506.31	2,342.30	10,521.28	10,243.08	8,343.49	25,441.14	95,555.60
629.13	3,929.49		9,340.99	3,284.72	12,228.48	29,412.81
322.59	10.79	135.64	6,046.87	6,556.34	11,090.74	39,651.81
1,350.95	213.03	379.31	2,158.49	789.79	4,646.11	14,654.90
5,144.56	334.21	3,612.06	3,641.17	9,014.89	29,938.98	71,167.79
			2,354.07	201.40	5,253.77	12,339.65
61.82	64.17	806.16	2,069.37	1,654.83	13,064.99	28,764.38
		1,752.99	3,872.52	5,536.86	15,543.71	35,570.99
108.02		3,534.25	5,197.69	5,779.02	42,749.11	58,144.59
400.66		1,350.46	1,600.09	10.06	4,799.45	12,774.30
.47		329.41	1,284.50	556.23	6,587.60	13,612.47
26.48		269.91	1,358.12	5.25	4,214.30	5,390.28
74.27	127.48	217.48	613.25		1,278.94	4,770.87
		381.66	402.40		5,006.58	7,008.01
25.78			1,099.85	2,063.56	280.00	6,538.26
40.07	23.04	723.63	649.03	1,970.65	4,312.15	7,757.57
104.81		302.46	1,025.85	1,339.27	3,644.26	10,076.58
			2,542.72	1,030.04		3,572.76
39			1,333.61	808.39	5,287.23	9,557.26
1,936.06	295.47	1,859.28	3,636.92		11,298.58	22,274.28
8.64		526.47	1,612.68	1,156.91	1,626.39	4,947.09
7.89		67.92	1,021.95	985.60	1,399.74	3,588.41
238.03			2,316.72		3,120.36	8,213.45
229.06	22.24	508.23	1,513.82	1,860.69	6,071.54	18,662.92
2,328.33		4,815.90	7,531.07	4,217.56	30,339.27	56,465.03
1,564.49	1,675.58	148.41	5,071.77	2,771.76	10,316.31	40,003.61
			3,347.28		18,359.37	21,706.65
708.78		4,526.45	9,049.49	4,183.16	3,023.37	35,895.39
6.83			2,661.00	1,276.69	1,426.40	8,804.21
			61.34	1,125.09	298.24	4,078.06
433.46			1,963.08		7,437.75	11,624.03
83.35		166.86	417.48	1,675.00	1,748.73	6,343.41
		38.05	408.01		3,684.67	4,130.73
			360.42		2,277.48	4,501.76
86.56	2.81	39.67	532.21	2,003.77	6,542.07	9,207.09
78.02	23.06	712.40	1,111.49		12,782.49	16,612.83
18.44		91.95	727.06	94.26	7,472.20	8,907.88
54.03	156.19	518.70	782.45	913.97	3,715.64	8,165.12
107.41			1,074.24	650.00	3,516.18	6,834.43
936.57	277.95	1,144.44	1,636.94	1,877.07	6,194.28	20,407.20
1,223.19	109.33	1,835.37	5,588.57	2,778.05	23,409.65	47,775.54
40.47		135.87	1,599.54	238.00	3,812.20	7,296.56
6,343.32	293.85	10,272.92	35,398.35	32,350.81	178,044.14	264,310.14
176.63	12.42	2,156.92	1,010.71	1,378.85	4,120.33	11,880.03
310.50	66.20	767.35	1,650.88	918.55	1,489.81	7,874.88
			3,181.11		12,749.09	15,930.20
36.20		402.68	1,541.78		14,075.21	28,643.88
201.51	52.48	1,312.93	1,319.29	2,258.12	2,725.37	11,596.17
152.92	38.80		1,865.75		1,530.78	3,797.75
2.46		76.65	592.34	384.45	1,841.83	4,319.60
90.50	12.50		770.53	259.00	5,787.11	7,323.19
70.99			778.46	279.40	4,357.75	5,973.49
			783.41	1,055.57	5,479.51	7,363.49
128.70	15.75		327.90		3,973.85	5,426.58
486.91	94.03	41.38	277.90		5,575.86	7,404.11
2,243.03	431.84		457.46		8,158.11	14,671.14
34.94	10.84	10.00	1,530.75	159.51	7,711.04	10,734.18
14.42	.68	1,038.41	1,839.96	2,731.26	10,596.86	16,279.77
\$45,380.58	\$11,162.32	\$61,234.49	\$173,319.26	\$122,929.53	\$672,758.08	\$1,336,945.33

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