

MAINE STATE LEGISLATURE

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**MAINE PUBLIC DOCUMENTS
1948-1950**

(in three volumes)

VOLUME II

Fourteenth Biennial Report

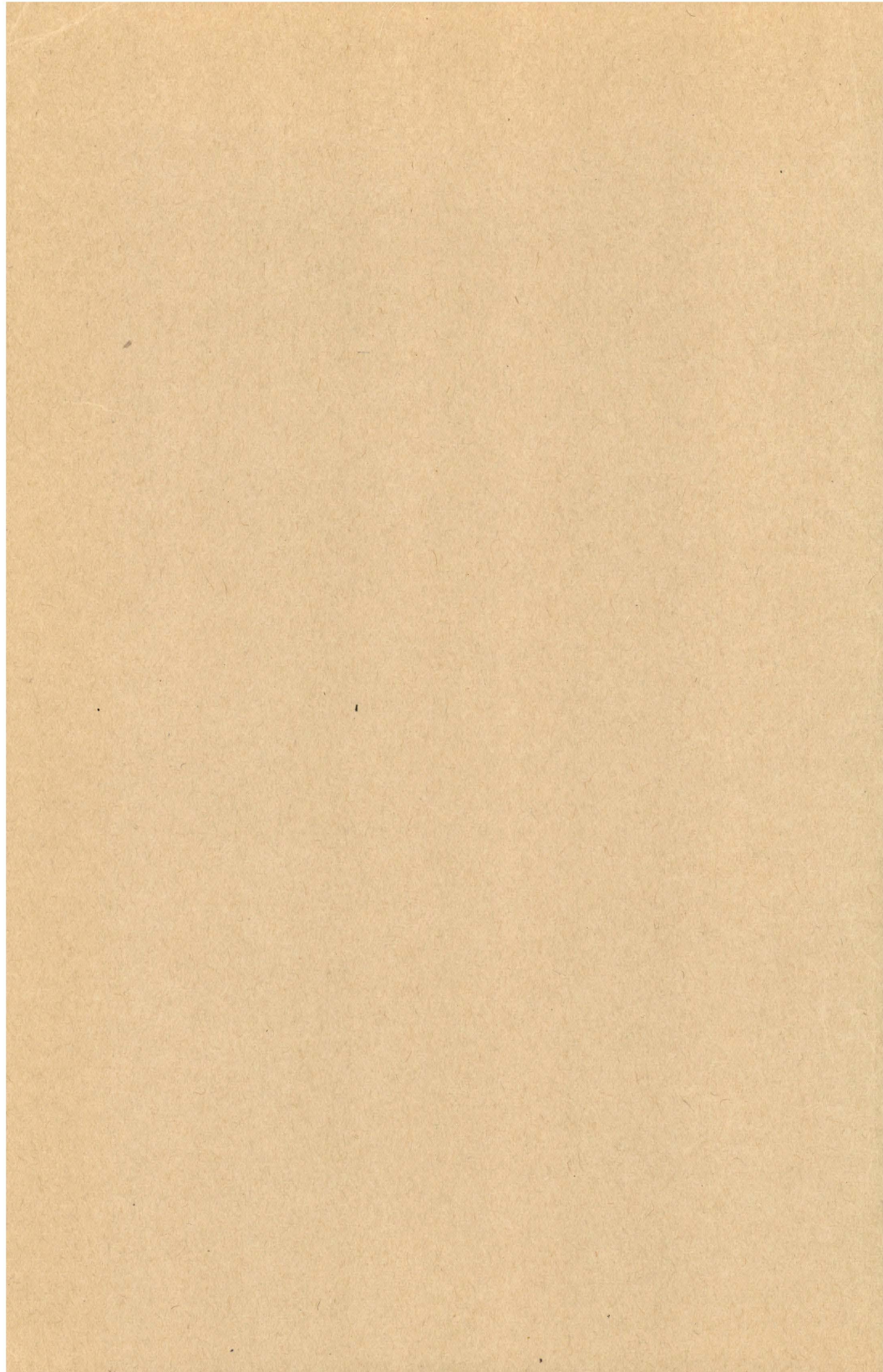
(Thirty-fourth and Thirty-fifth Annual Reports)

Public Utilities Commission

STATE OF MAINE

Two Years Ended June 30, 1950

1949-1950



Fourteenth Biennial Report

(Thirty-fourth and Thirty-fifth Annual Reports)

Public Utilities Commission

STATE OF MAINE

Two Years Ended June 30, 1950

1949-1950

PUBLIC UTILITIES COMMISSION OF THE STATE
OF MAINE, JUNE 30, 1950

THE COMMISSION

Frank E. Southard, *Chairman*
George E. Hill, *Commissioner*
*Edgar F. Corliss, *Commissioner*

Roy M. Somers, *Clerk*
Raymond O. Gidney, Jr., *Reporter*

ENGINEERING DEPARTMENT

Harold L. Gerrish, *Public Utility Engineer*
Howard H. Potter, *Water Works Engineer*
Edwin T. McDowell, *Engineer*
Ralph A. Ranger, *Engineer*

ACCOUNTING DEPARTMENT

Charles E. Bickford, *Accountant*

RATES AND TRAFFIC DEPARTMENT

Roscoe E. Halliday, *Chief*

TRUCK DEPARTMENT

Frank M. Libby, *Examiner*

WATER RESOURCES DEPARTMENT

Miner R. Stackpole, *District Engineer*
Water Resources Branch, U. S. Geological Survey

MOTOR BOAT AND BUS DEPARTMENT

Gaylord G. Leavitt, *Inspector*

* Appointed October 27, 1948, vice James L. Boyle, whose term of office expired.

PUBLIC UTILITIES COMMISSION REPORT

To the Governor and Executive Council:

The Fourteenth Biennial Report (34th and 35th Annual Reports) of the Public Utilities Commission for the two years ended June 30, 1950 is respectfully submitted:

There has been but one change in the personnel of the Commission and staff members during the past two years. Edgar F. Corliss of Bridgton was appointed to a seven year term as Commissioner on October 27, 1948 to fill the vacancy caused by the expiration of the term of office of James L. Boyle of Waterville who had served one term of seven years.

The number of operating utilities at the present time in the State of Maine per Section 15 of Chapter 40, Revised Statutes, 1944, as amended, is as follows:

Electric Light & Power	36	Telegraph	2
Electric Railroads	1	Telephone	83
Express	2	Water	161
Gas	6	Wharfingers	2
Pullman	1		<hr style="width: 100px; margin-left: auto; margin-right: 0;"/>
Steamboats	1	Total	303
Steam Railroads	8		

The list of utilities operating in the State of Maine has changed during the last two years, resulting in the net loss of one (1) for the period ending June 30, 1950.

Steam Railroads:

Added:

Sanford & Eastern Railroad Corporation

Electric Railroads:

Discontinued Service:

York Utilities Company, December 1948

Telegraph Companies:*Discontinued Service:*

Northern Telegraph Company, February 1950

WATER COMPANIES**Formal Complaints**

There were thirty-three formal complaints filed concerning water companies for the two year period upon which thirty hearings were held. They are as follows: Inadequate service, 5; increase in rates, 25; extension of service, 3. Disposition was made of all cases.

Applications and Petitions

Thirty-three applications and petitions were filed by water companies, upon which six hearings were held. Twenty-eight were for the issue of securities, two for the sale of property, and three to convey rights and title.

PUBLIC WATER SUPPLIES

The usual routine inspections of all the public water supplies have been made, as in the past, by the Commission's Water Works Engineer. In addition, many additional calls have been necessitated by complaints on service and requests for extensions of service.

Drought conditions mentioned in the previous report have continued. Though utilities depending on ground water supplies, especially those few having deep wells, have reported a steadily lowering ground water table, only one has suffered a serious shortage. Several places have had to curtail use of hose and lawn sprinklers, some because of shortage of supply but most because of the inability of pumping equipment and distribution systems to meet the greatly increased demand.

As previously mentioned, low water also causes unsatisfactory sanitary conditions and serious taste and odor prob-

lems. Complaints to the utility and to this Commission result, and considerable time and effort have been given to alleviating these conditions.

Shortages of materials have practically disappeared but prices remain high. The cost of water main construction has remained high accordingly, with the result that utilities find it impossible to lay nearly as much main per customer as previously, with the result that more requests for extensions have to be denied.

The domestic water supply rating schedule printed elsewhere in this report shows a steady improvement, though slight.

TELEPHONE COMPANIES

Formal Complaints

Twelve formal complaints were filed during the past two years concerning telephone companies, upon which nine hearings were held. Six were for an increase in rates, four for inadequate service, one for excessive rates, and one for extension of service.

Applications and Petitions

Twelve applications and petitions were filed during the past two years, upon which three hearings were held. Three applications for issue of securities, three for increase in rates, one for extension of service, four for sale of property, and one for exemption from certain provisions of zoning ordinance.

TELEPHONE ACTIVITIES

The period covered by this report was again principally devoted to Bell Telephone rate cases throughout the country. The New England Telephone and Telegraph Company, serving all of the New England States except Connecticut, applied for further increases in each State and in all except Maine became involved in court proceedings.

Continuing the summary of company requests as included in the 1948 biennial report:

July 20, 1948—The Commission dismissed the company's application for \$1,770,000, filed December 31, 1947.

October 15, 1948—The company filed a petition for an emergency increase of \$125,300 per month to become effective November 16, 1948.

November 4, 1948—Public hearing was held.

November 12, 1948—The Commission granted an emergency increase of \$83,000 per month.

October 15, 1948—The Company filed a general revision, asking for a permanent increase of \$2,700,000.

January 18, 1949—The company withdrew its filing of October 15, 1948 and filed in lieu thereof a new general revision calculated to produce \$3,429,900 permanent additional revenue, or \$2,341,600 more than the temporary increase.

January 25 to May 20, 1948—Hearings held for eighteen days.

September 14, 1949—Decision by majority of Commission granted an amount of \$1,553,000 in addition to the present filed rates.

This last case was probably the most extensive and complicated proceeding ever held by this Commission. It involved some 2,154 pages of testimony and 1,400 pages of exhibits, all presented by numerous officials and experts. Counsel for the State was again employed and his tireless effort and able presentation afforded great assistance.

The rates and service of the smaller companies have also required considerable attention due to increased price levels. There were 92 requests for service, 31 service complaints, 17 rate complaints, and 21 miscellaneous requests handled involving all companies.

ELECTRIC COMPANIES

Formal Complaints

During the past two years eight formal complaints were filed concerning electric companies, upon which eight hearings were held. All were for increase in rates.

Applications and Petitions

Thirty applications and petitions were filed. Fifteen applications for issue of securities; four petitions for location of transmission lines; two for conveying properties, rights and assets, permits and franchises; two for the purchase and sale of property; three for service; two for discontinuance of service; one for increase in rates; and one for authority to enter into a purchase contract, Lease and Supplemental Agreement.

Contracts

There were forty-nine contracts filed with the Commission and approved. They concerned rates for electricity furnished manufacturing establishments and towns.

ELECTRIC ACTIVITIES

The demand for electric service from the several companies has continued to increase rapidly during this biennium, requiring the construction of new power stations and increase in size of present transmission and distribution facilities. This has required large expenditures for construction at a much higher level of prices.

In Northern Maine five additional plants have been built since 1946, adding 12,100 kilowatts in Diesel capacity, and a new 5,000 kilowatt Steam plant is under construction at Caribou. These should be ample to care for present needs of this area where shortages have previously developed.

The Bangor Hydro-Electric Company has increased the hydro capacity at Milford, Stillwater and Orono on the

Penobscot River and added three Diesel engine units during the same period. A gas turbine of 4,000 kilowatts effective capacity is under construction at Veazie with ultimate plans for a second unit.

Central Maine Power Company redeveloped its hydro station at Union Falls with an installed capacity of 16,800 kilowatts and placed it in operation in March 1949. The most important hydro development was the construction of Dead River storage reservoir, adding about a third to the Kennebec River storage and producing an additional 17 to 30 thousand kilowatts through the present five hydro plants on this river. More capacity was also added at several other stations, including 20,000 kilowatts of Steam and 2,000 kilowatts of Diesel. The second gas turbine in the country was installed at Farmingdale with 4,000 kilowatts of effective capacity.

Expansion of service to rural customers also has been accelerated during this same period. Each of the companies has built many miles of line bringing service to farms and other residences in the rural areas. About 1,200 miles were built in 1948 and 600 in 1949 to serve some 7,200 new rural customers. It is estimated that between 85% and 90% of all farms in Maine now have electric service.

For the first time in many years it was necessary to increase the rates for electric service. Rising material and labor costs made some adjustment mandatory but the increase in use by customers helped greatly to make this a moderate rate change. Each major company was granted some increase after careful deliberation by the Commission. At the end of the year 1949, however, the domestic customer was paying less per average kilowatt-hour than he was paying in 1946.

The impact of the huge investment required, at a higher price level, to provide additional facilities is demonstrated by the amounts added in the past two years by the three major companies. The total operating property of Maine Public Service Company, Bangor Hydro-Electric Company and Central Maine Power Company, combined, at the beginning of 1948 was \$117,182,000, and during this two-year

period these companies spent almost \$30,000,000 for new construction. The Central Maine Power Company alone, during the last five years, has spent \$42,300,000 for new construction, of which \$17,000,000 was for generating plants, \$4,400,000 for transmission equipment and \$20,900,000 for distribution facilities.

The investigations of regular rates, service and practices continued, with 189 requests for extensions, 18 service complaints, 51 rate complaints and 11 miscellaneous requests.

GAS COMPANIES

Formal Complaints

During the past two years, one formal complaint was filed by a gas company, upon which a hearing was held. This was for an increase in rates.

Applications and Petitions

There were five applications and petitions filed of which two were for discontinuance of service and three for issuance of securities.

STEAM RAILROADS

Applications and Petitions

There were sixty-eight applications and petitions filed with the Commission since the last report upon which sixty-seven hearings were held. They are as follows:

Eight for discontinuance of service; nineteen for installation of automatic signal light protection; one for branch track; eleven for the elimination of locomotive whistling; three to remove present type protection and substitute half gates and automatic two-way flashing light signals; seventeen to change crossing protection; one for laying out highway over tracks; one to improve underpass; one to substitute reflector lenses for old type switch lights; one for re-

building and reconstruction of overhead bridge; one for closing station; two for improving overpasses; one for changing location of overhead bridge; two for reconstruction and relocation of State Highway.

There were ninety-two applications filed, concerning rates on less than statutory notice.

INSPECTIONS

The Commission, as authorized under the provisions of Section 49, Chapter 41, Revised Statutes of 1944, as amended, has caused inspections to be made, by a competent person, of the transportation facilities of all the steam railroads in the State of Maine. In addition to the above work investigations have been made of all fatal and many non-fatal accidents and the reports of all investigations of fatal accidents are on file in the office. The location of the pages containing a compilation of all such accidents occurring on the premises of railroad companies will be found by referring to the Appendix in this report.

GRADE CROSSINGS

The total railroad mileage in the State for the period ended December 31, 1949 was 2,003.74 miles. There were 1,248 public grade crossings, or one crossing to approximately every 1.61 miles of main or branch line track.

These crossings are divided into the following classifications:

1. Gates, with or without other protection, operated 24 hours per day.
2. Gates, with or without other protection, operated less than 24 hours per day.
3. Watchmen, alone or with protection other than gates, on duty 24 hours per day.
4. Watchmen, alone or with protection other than gates, on duty less than 24 hours per day.

5. Both audible and visible signals, without other protection.
6. Audible signals only.
7. Visible signals only.
8. Special fixed signs or barriers, with or without standard fixed signs.
9. Standard fixed signs only (other than by various types of approach warning signs.)

Eight grade crossings were discontinued during the last two years.

In order to provide a clear view for the traveling public and provide greater safety, the Commission has continued its policy of causing trees, bushes, shrubs and other obstructions to be removed from all angles adjacent to railroad crossings.

APPROACH WARNING SIGNS

In 1949, this Commission adopted a standard 30-inch approach warning sign which has been approved for use at all grade crossings in the United States by the Joint Committee on Grade Crossing Protection of the Association of American Railroads.

These new reflectorized signs will be erected at the approaches to all grade crossings just as soon as the present 24-inch signs are worn out or destroyed. Six hundred and twenty-two new railroad approach signs have been erected in 1950.

AUTOMATIC SIGNALS

(Steam Railroads)

The Commission authorized the installation of the following automatic signals during the past two years:

Parkers Crossing, Benton, M.C.R.R.

Tuttle Road Crossings, Cumberland, M.C.R.R.

Depot Street Crossing, Lincoln, M.C.R.R.
 Old Hotel Road Crossing, Auburn, C.N.R.
 Trufant's Crossing, West Bath, M.C.R.R.
 Maple Street Crossing, Greenville, C.P.R.
 Chapman Street Crossing, Presque Isle, B.&A. R.R.
 North Main Street Crossing, Presque Isle, B.&A. R.R.
 Brownville Crossing, Brownville, B.&A. R.R.
 Main Street Crossing, Mars Hill, B.&A. R.R.
 State Street Crossing, Presque Isle, B.&A. R.R.
 St. George Crossing, Thomaston, M.C.R.R.
 Poland Spring Crossing, Mechanic Falls, M.C.R.R.
 Clark & Station Crossing (Academy Street), New-
 castle, M.C.R.R.
 Military Road Crossing, Lincoln, M.C.R.R.
 Brighton Avenue Crossing, Portland Terminal Com-
 pany
 State Aid Road, New Gloucester, C.N.R.
 Stanwood Street Crossing, Brunswick, M.C.R.R.
 County Road Crossing, Wilton, M.C.R.R.
 Sprague Crossing, Vanceboro, M.C.R.R.
 Military Road Crossing, Winn, M.C.R.R.
 Timoney Crossing, Smyrna, B.&A. R.R.
 Spoffords Crossing, Oakfield, B.&A. R.R.

**AUTHORIZATIONS FOR
 GRADE CROSSING PROTECTION
 UNDER THE 1949 LEGISLATIVE ACTS**

During the 1949 Session of Legislature, an allocation was made of \$20,000 for 1949-1950, and \$20,000 for 1950-1951 under Ch. 208, Sec. 1, of Private and Special Laws, to be apportioned between the Railroad Corporation and the state, as determined by the Public Utilities Commission, to cover the expenses involved in providing automatic signals, gates or other protection devices at grade crossings located on state or state-aid highways.

Following the enactment of this legislation, a careful study was made of the grade crossings in the state in order to determine which crossings, that are located on state and,

or, state-aid highways, need more adequate protection. Through the cooperation of the railroad officials, lists of crossings were prepared and submitted to this Commission for consideration along with data obtained from the State Highway Commission.

As a result of this study, petitions have been filed and decrees have been issued by this Commission authorizing automatic signal protection at ten grade crossings; and in each case the apportionment of the expenses involved has been allocated on a fifty-fifty basis between the railroad companies and the state.

Following is a list of the ten grade crossings where automatic signal protection has been authorized.

1. Tuttle Road Crossing in the town of Cumberland on the C.N.R.R.
2. Richville Road Crossing in the town of Standish on the M.C.R.R.
3. Sweetser's Road Crossing in the town of Gray on the M.C.R.R.
4. Clark Street Crossing in the town of Newcastle on the M.C.R.R.
5. Intervale Crossing in the town of New Gloucester on the C.N.R.R.
6. Sprague's Crossing in the town of Vanceboro on the M.C.R.R.
7. West Aroostook Road Crossing in the town of Ashland on the B.&A.
8. Timoney Crossing in the town of Smyrna on the B.&A. R.R.
9. Spofford's Crossing in the town of Oakfield on the B.&A. R.R.
10. Montsweag Road Crossing in the town of Wisasset on the M.C.R.R.

GRADE CROSSING ACCIDENTS IN MAINE

For the fiscal year ended June 30, 1949, in the State of Maine, there were ten persons killed and twenty-seven injured, or a decrease of six as compared with the number of persons killed the previous year. There were eleven more persons injured at grade crossings in 1949 than in 1948.

For the period of July 1, 1949 to June 30, 1950, a total of fourteen fatalities occurred at highway grade crossings, or an increase of four over the previous year. A total of 41 persons were injured in similar accidents for the same period, or fourteen more than during the previous year.

REPARATIONS

Reparation in the total amount of \$2,334.18 was granted as follows:

Bangor & Aroostook Railroad Company	\$444.84
Maine Central Railroad Company	719.21
Railway Express Agency	1,170.13
	<hr/>
	\$2,334.18

MISCELLANEOUS

During the year there were seven applications for approval of plans for sewer extensions which were approved by the Commission.

COMMISSION DECISIONS

The Commission issued two hundred fifty-one formal decrees, not including the Truck Docket. They are classified as follows:

Utilities	80
Railroad	68
Formal Complaints	65
Miscellaneous	1
	Non-Utility
Bus Docket	37
	<hr/>
Total	251

NON-UTILITIES**Motor Vehicles****Intrastate Busses****Calendar Year 1948 (47 Bus Operators)**

Original Certificates issued	5
Renewals	44
Amendments	19
Transfers	4
Supplemental Certificates issued (authorizing replacements or additional busses)	37
Discontinuance of service (No longer served)	3
Hearings Held	20
Decree issued	
(a) Covering Transfers of Certificates and Discontinuance	4
(b) Filing of Reduced Rates on Less than Statutory Notice	6
(c) Denial of Certificate	1
(d) Denial of Extension	2
(e) Extension of Route	5
(f) Increase in fares	1

Interstate Busses**Calendar Year 1948 (12 Bus Operators)**

Renewals	12
Discontinuance of service	1

Intrastate Busses**Calendar Year 1949 (48 Bus Operators)**

Original Certificates issued	4
Renewals	44
Amendments	17
Transfers	10
Supplemental Certificates issued (authorizing replacements or additional busses)	21
Discontinuance of service (No longer served)	5
Hearings held	32

Decrees issued

(a) Covering Transfers of Certificates and Discontinuance	5
(b) Filing of Reduced Rates on Less than Statutory Notice	7
(c) Denial of Certificate	1
(d) Extension of Route	2
(e) Increase in Fares	3

Interstate Busses**Calendar Year 1949 (14 Bus Operators)**

Original Permits Issued	2
Renewals	12

Motorboats — Calendar Year 1948

Motorboat Registration Certificates issued	813
Operator's Licenses issued for Motorboats	564
Motorboat Inspections issued	770

Motorboats — Calendar Year 1949

Motorboat Registration Certificates issued	796
Operator's Licenses issued for Motorboats	545
Motorboat Inspections issued	759

TOPOGRAPHIC MAPPING

With \$3500 appropriated by the Legislature for the year ending June 30, 1949 and \$20,000 for the year ending June 30, 1950, the Commission entered into a cooperative agreement with the Topographic Division of the U. S. Geological Survey, which is a map making organization, to match the State's allotment, dollar for dollar, and to continue the topographic mapping of the State. From July 1, 1939 to June 30, 1949, the yearly appropriation was but \$3500 per year and progress was very slow. The appropriation for this work was increased by the 94th Legislature to speed up the work of completing the topographic mapping of the State. On July 1, 1949, with the increased funds made

available, the work was started on a larger scale than for several years. It was first proposed to cover the unmapped portion of Baxter State Park and the Survey entered into a contract with a private agency to make aerial photographs of this area during the spring of 1950, at a time when conditions were most suitable. Practically all photography used for mapping by the Geological Survey is procured through contracts with commercial companies on the basis of competitive bidding; and each individual photograph must be inspected minutely for complete compliance with specifications before it can be accepted. The photographs for the Stacyville, Shin Pond and Matagamom quadrangles, which covered this area, had to be rejected due to unacceptable work and payment therefor was withheld by the Survey. Best photographic results are obtained of the wooded areas when the leaves are gone and there is a light fall of snow. Since it will not be practical to rephotograph this area again until the fall of 1950 or spring of 1951, no further work has been done in that section. As the Roach River and Cooper Mountain quadrangles had previously been photographed satisfactorily, field work was carried on in those areas. Field work has also been done during the biennium on the Greenville, Sebec Lake, Norcross and Millinocket quadrangles. During the biennium final maps have been issued for the Schoodic and Kingsbury areas in which work was started several years ago.

We have been advised that the Geological Survey has some Federal funds available for the revision of old maps and during the past two years some revisions have been made on the Katahdin, Old Speck Mountain and Stratton topographic sheets. At the end of the biennium topographic mapping, started in Maine in 1888, has been completed for 156 of the 191 quadrangles required to cover the State or 81.7%. Much of the unsurveyed area of the State is in the wooded sections of which the general public has but little knowledge.

The value to the State of topographic maps is well known to those who use them. They are essential to any comprehensive study, governmental or otherwise, which needs a knowledge of the lay of the land. Good maps are essential

in connection with the planning of water supply projects, the location of airports, the location of highways, the measurement of drainage areas, the development of water powers, the location of electric power lines, reservoir sites and the preparation of plans for national defense. Topographic maps are used by the State and Federal officials, by recreational interests, industry and commerce, and by the general public for above-mentioned and many other uses. It is recommended that the program started by the 94th Legislature be continued until the mapping of the State is completed.

WATER RESOURCES

The State and Federal cooperative program for the systematic collection of stream flow records in Maine, established several years ago by the Commission in cooperation with the Water Resources Division of the United States Geological Survey, has been continued during the past two years. This provides for fifty percent of the cost to be borne by each agency and for an accurate inventory of the amount of water available in our surface streams. The principal work of the Division has been the operation and maintenance of 49 river gaging stations extending over the entire state. Two gaging stations were discontinued during the biennium; one on the Saco River at Salmon Falls in October 1948 because it was flooded out by a new dam at Union Falls, and one on Gales Brook near Parkman in September 1948 because it had served its purpose of supplying a short record covering a very dry period. Two new stations were established during the biennium: one on Narraguagus River at Cherryfield and one on Royal River at Yarmouth. Accordingly, the number of river gaging stations in operation at the end of the biennium was 49, the same as at the beginning. In addition to the data from the 49 river measurement stations which the department operates, daily river discharge records were furnished it by private parties for 4 other points.

The information obtained from river measurement stations is considered basic data and is essential to intelligent

planning for the conservation, development and utilization of our water resources. The flow of our streams is continually changing, not only from day to day but from year to year. We have periods of wet years and periods of dry years. Consequently long-time records are necessary in order to know what may occur in the future. It is a well known law of stream flow that what has occurred in the past will recur in the future, and the longer the record, the nearer its approach to a possible cycle of wet and dry years. While the past few years have been dry ones, there is no indication that the water yield in general of the drainage basins of Maine is less now than at any time in the past two or three hundred years, although there are no actual records to prove this. The oldest continuous precipitation record in the State is that for Gardiner, which was started in 1837 and the oldest continuous river flow record is that for Presumpscot River at the outlet of Sebago Lake, which dates back to 1887.

**EXPENDITURES BY THE STATE OF MAINE
AND
FEDERAL GOVERNMENT
Year Ended June 30, 1949**

FEDERAL GOVERNMENT:

U. S. Geological Survey \$ 9,021.40

STATE OF MAINE:

Public Utilities Commission 8,992.50

Total \$18,013.90

Field Work:

1. Construction and repair of gaging stations \$ 386.71

2. Operation and maintenance of gaging stations 6,598.67

Office Work 9,627.18

Property 1,401.34

Total \$18,013.90

**EXPENDITURES BY THE STATE OF MAINE
AND
FEDERAL GOVERNMENT
Year Ended June 30, 1950**

FEDERAL GOVERNMENT:

U. S. Geological Survey \$ 9,991.79

STATE OF MAINE:

Public Utilities Commission 9,999.76

Total \$19,991.55

Field Work:

1. Construction and repair of gaging stations \$ 2,015.43

2. Operation and maintenance of gaging stations 7,721.62

Office Work 9,132.12

Property 1,122.38

Total \$19,991.55

In addition to the funds listed above which were made available by cooperative agreement, a total of \$5,050 of Federal funds was expended on the work in Maine during the biennium to cover the partial cost of operating 5 river measurement stations near the Maine - New Hampshire State line and 2 on the international boundary.

Flow duration tables have been prepared for all river gaging stations in operation during the past four years and the results appear in the appendix of this report. These tables supplement those which were published in the Twelfth Biennial Report of the Commission. Many calls are received for copies of this information. The preparation of duration curves from these tables and some of the uses made of them have been described in previous reports of the Commission. In the appendix appears data on precipitation for some 60 stations and information on evaporation from the surface of Moosehead Lake.

Our census of developed and undeveloped water power, a summary of which is included in the Ninth Biennial Report of the Commission, has been kept up to date. As new developments have been made or old developments discontinued, appropriate corrections have been made to our card file of water power sites.

During the months of February, March and April surveys of the depth and water equivalent of the snow on the ground have been made at approximately 40 snow courses scattered over the State. This, with similar information furnished us by private companies for the headwater areas of the Penobscot, Kennebec and Androscoggin River Basins, have been used in the preparation of a map of the State showing water equivalent of the snow as of March first each year, just as has been done for several past years. Copies of this have been furnished parties who would benefit from such information.

The preparation of monthly reports on current water supply conditions in the State has been continued and these have usually appeared in the State newspapers and at times used in radio broadcasts.

Actual records show that 1702 requests were received during the biennium for information concerning maps and the water resources of the State and in practically every case we were able to furnish the information requested. Many of the requests were for blueprint copies of preliminary data prior to publication. This work has been accomplished by Miner R. Stackpole, assisted by Kenneth B. Young, Richard A. Morrill, Carlton P. Wing, Carleton R. Storer, and Miss Lura G. McLain, all employees of U. S. Geological Survey. Valuable assistance has been rendered by many companies who operate power plants on the rivers of Maine.

CONTROL OF MOTOR CARRIER TRUCKS

RECEIVED during the period Jan. 1, 1948 to Dec. 31, 1948

New Applications	178
Renewal Applications	593
Petitions to Reopen	40

Transfer Applications	34
Hearings Ordered	124
Hearings Held	110

ISSUED

New	162
Renewals	593
Amended	32
Transferred	42
Temporary Permits	5
Decrees	87
Denied	10
Dismissed	2
Withdrawn	7
Precepts	12
Clarified	4
Filed	1

RECEIVED during the period Jan. 1, 1949 to Dec. 31, 1949

New Applications	224
Renewal Applications	656
Petitions to Reopen	34
Transfer Applications	29
Hearings Ordered	148
Hearings Held	126

ISSUED

New	215
Renewals	656
Amended	30
Transferred	30
Temporary Permits	27
Decrees	76
Denied	4
Dismissed	4
Show Cause Orders	1
Precepts	22
Withdrawn	13
Clarified	2
Pending	32

CONCLUSION

Tabulated statements showing the operations of electric companies, steam railroads and water companies; a list showing the passenger bus lines operating within the state; information pertaining to the securities authorized, expenses of the Commission, railroad accidents and a table of cases may be found on the pages immediately following.

The statistics covering evaporation and precipitation and flow duration surveys of the Water Resources Department for the four year period ending September 1949 are also printed in the appendix.

The Commission, in closing, expresses appreciation to all its employees for their loyal and efficient services.

Respectfully submitted,

FRANK E. SOUTHARD, *Chairman*

GEORGE E. HILL

EDGAR F. CORLISS

Public Utilities Commission of Maine

July 1, 1950.



TABULATED STATEMENTS

COMPILED FROM THE

Reports of
Electric Companies

Having a Gross Revenue of \$2,000 or more

FOR THE

Year Ended December 31, 1948

SCHEDULE NO. 1
Statement of Assets, Electric Utilities, Year Ended December 31, 1948

Name of Company	Operating Property	Other Operating Property	Total Operating Property	Current Assets	Other Assets	Deferred Debits	Re-acquired Securities	Total Assets
Bangor Hydro Electric Co.....	\$17,004,960.05	\$1,049,978.42	\$18,054,938.47	\$1,963,754.18	\$236,181.06	\$8,524.31		\$20,263,398.02
Carrabassett Light & Power Co.....	26,403.36		26,403.36	3,546.05				29,949.41
Casco Bay Light & Water Co.....	736,812.09	23,634.67	760,446.76	46,786.50	28,890.00	5,658.87		841,782.13
Central Maine Power Co.....	125,670,085.54	2,215,415.58	127,885,501.12	8,398,827.36	340,357.76	1,904,936.07		138,529,622.31
Cornish & Kezar Falls Light & Power Co.	231,192.41		231,192.41	40,968.85	45,000.00			317,161.26
Farmers Electric Co.....	36,872.33		36,872.33	2,379.70			\$1,125.00	40,377.03
Fort Fairfield Light & Power Co.....	223,147.08		223,147.08	45,327.02	6,800.00			275,274.10
Hampden-Newburg Light & Power Co.	56,436.73		56,436.73	8,856.08		566.42	60.00	65,919.23
Houlton Water Co.—Electric Dept.....	464,308.60	917,640.12	1,381,948.72	186,989.21	61,650.00	3,300.54		1,633,888.47
Kennebunk Electric Light Dept.....	247,390.64	27,102.08	274,492.72	33,495.16	37,500.00			345,487.88
Kittery Electric Light Co.....	402,871.74	387.75	403,259.49	88,517.71	24,396.47	2,834.73		519,008.40
Limestone Electric Co.....	89,382.12		89,382.12	22,715.36				112,097.48
Lubec Electric Dept.....	262,791.92		262,791.92	10,419.24	82,100.00			355,311.16
Madison Electric Dept.....	260,639.94		260,639.94	35,748.47	28,469.56			324,857.97
Maine Consolidated Power Co.....	1,086,291.44		1,086,291.44	165,373.93		15,811.89		1,267,477.26

SCHEDULE NO. 1—Continued
Statement of Liabilities, Electric Utilities, Year Ended December 31, 1948

PUBLIC UTILITIES COMMISSION REPORT

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Name of Company	Capital Stock	Non-Corporate Proprietorship	Long Term Debt	Current Liabilities	Reserves	Deferred Credits	Surplus	Total Liabilities
Bangor Hydro Electric Co.	\$7,508,240.00		\$8,000,000.00	\$901,496.96	\$2,736,766.10	\$198,792.18	\$918,102.78	\$20,263,398.02
Carrabassett Light & Power Co.	10,000.00			15.00	9,244.13		10,689.68	29,949.41
Casco Bay Light & Water Co.	223,000.00		300,000.00	119,238.13	84,432.72	8,816.00	106,295.28	841,782.13
Central Maine Power Co.	46,067,136.00		54,160,000.00	13,894,809.28	20,237,310.47	39,624.83	4,130,741.73	138,529,622.31
Cornish & Kezar Falls Light & Power Co.	50,000.00			2,361.72	100,838.66		163,960.88	317,161.26
Farmers Electric Co.	18,100.00			671.83	18,442.23		3,162.97	40,377.03
Fort Fairfield Light & Power Co.	42,000.00			25,582.09	93,753.18		112,938.83	275,274.10
Hampden-Newburg Light & Power Co.	44,035.00			2,826.35	16,113.03		2,944.85	65,919.23
Houlton Water Co.—Electric Dept.	50,000.00			59,850.66	597,673.14	3,108.72	753,255.95	1,633,888.47
Kennebunk Electric Light Dept.				8,539.99	42,252.54		294,695.35	345,487.88
Kittery Electric Light Co.	210,000.00		50,000.00	36,817.10	126,334.44	1,525.37	94,331.49	519,008.40
Limestone Electric Co.	45,000.00			8,106.35	37,116.07		21,875.06	112,097.48
Lubec Electric Dept.				18,002.87	89,201.42		248,106.87	355,311.16
Madison Electric Dept.				1,344.40	83,626.55	550.00	239,337.02	324,857.97
Maine Consolidated Power Co.	118,000.00		553,000.00	64,611.24	287,441.07	3,840.00	240,584.95	1,267,477.26

SCHEDULE NO. 1—Continued
Statement of Assets, Electric Utilities, Year Ended December 31, 1948

Name of Company	Operating Property	Other Operating Property	Total Operating Property	Current Assets	Other Assets	Deferred Debits	Re-acquired Securities	Total Assets
Maine Public Service Co.....	\$4,112,623.69	\$1,790,011.58	\$5,902,635.27	\$519,186.95	\$630,103.00	\$238,853.66		\$7,332,643.98
Mars Hill Electric Co.....	70,625.35		70,625.35	26,444.41	8,340.00			105,409.77
Monson Light & Power Co.....	23,168.48		23,168.48		8,090.95	2,743.93	\$300.00	34,303.36
Monticello Electric Co.....	15,504.15		15,504.15	7,475.27				22,979.42
Oquossoc Light & Power Co.....	305,819.50		305,819.50	24,041.37	3,500.00			333,360.87
Phillips Electric Light & Power Co.....	31,219.75		31,219.75	15,005.23				46,224.98
Rumford Light Co.....	707,193.67	5,119.19	712,312.86	340,143.19				1,052,456.05
Squirrel Island Village Corp.....	28,151.33	53.15	28,204.48		7.00			28,211.48
St. Croix Electric Co.....	340,025.66	3,487.78	343,513.44	38,181.39	384.80	5,385.64		387,465.27
Stonington & Deer Isle Power Co.....	158,792.65		158,792.65	38,376.99	293.00			197,462.64
Stratton Light Co.....	69,873.05		69,873.05	1,026.40	6,316.18			77,215.63
Van Buren Light & Power District.....	130,212.01		130,212.01	44,928.59	10,000.00			185,140.60
Vinalhaven Light & Power Co.....	137,823.11		137,823.11	11,969.69	37.50		925.00	150,755.30
Washburn Electric Co.....	90,561.31		90,561.31	43,420.25	10,500.00			144,481.56
Woodland Light & Power Co.....	41,325.46	105,565.70	146,891.16	63,502.96	97,370.00			307,764.12

SCHEDULE NO. 1—Concluded
Statement of Liabilities, Electric Utilities, Year Ended December 31, 1948

Name of Company	Capital Stock	Non-corporate Proprietorship	Long Term Debt	Current Liabilities	Reserves	Deferred Credits	Surplus	Total Liabilities
Maine Public Service Co.	\$1,500,000.00	.....	\$4,368,000.00	\$244,754.34	\$747,777.74	\$38,155.43	\$433,956.47	\$7,332,643.98
Mars Hill Electric Co.	40,000.00	.....	.....	4,131.09	12,696.04	.....	40,082.64	105,409.77
Monson Light & Power Co.	10,000.00	.....	.....	12,299.31	5,348.48	.....	6,655.57	34,303.36
Monticello Electric Co.	2,950.00	.....	.....	14,046.33	367.40	.....	5,619.69	22,979.42
Oquossoc Light & Power Co.	75,000.00	.....	58,000.00	30,526.38	108,084.84	.....	61,749.65	333,360.87
Phillips Electric Light & Power Co.	16,700.00	.....	.....	2,168.89	15,190.11	.....	12,165.98	46,224.98
Rumford Light Co.	550,000.00	.....	.....	153,571.86	125,908.47	.....	222,975.72	1,052,456.05
Squirrel Island Village Corp. ....	.....	.....	.....	.....	8,629.46	.....	19,582.02	28,211.48
St. Croix Electric Co.	20,000.00	\$75,000.00	177,000.00	20,927.22	67,710.06	1,871.91	22,956.08	387,465.27
Stonington & Deer Isle Power Co.	23,300.00	.....	33,000.00	10,759.51	80,446.48	.....	49,956.65	197,462.64
Stratton Light Co.	15,000.00	.....	12,500.00	10,191.80	35,759.93	.....	3,559.77	70,011.50
Van Buren Light & Power District. ....	.....	.....	.....	9,537.41	60,657.44	.....	114,945.75	185,140.60
Vinalhaven Light & Power Co.	41,950.00	.....	25,000.00	3,836.02	23,567.71	.....	56,401.57	157,755.30
Washburn Electric Co.	26,600.00	.....	.....	4,579.43	33,108.16	.....	80,193.97	144,481.56
Woodland Light & Power Co.	102,600.00	.....	.....	.....	101,254.46	.....	101,931.77	307,764.12

SCHEDULE NO. 2
Statement of the Income Account of Electric Utilities, Year Ended December 31, 1948

Name of Company	Operating Revenues	Operation and Maintenance	Taxes	Depreciation	Uncollectibles and Other Expenses	Net Operating Revenues (Electric)	Net Revenue other Operations	Other Income	Gross Income	Deductions from Gross Income	Net Income
Bangor Hydro-Electric Co.....	\$3,352,655.06	\$1,227,189.11	\$814,604.61	\$356,000.00		\$954,861.34		\$71,263.98	\$1,026,125.32	\$203,142.04	\$822,983.28
Carrabassett Light & Power Co.....	23,625.13	20,106.79	1,312.10	1,400.00	\$400.00	406.24		400.00	806.24		806.24
Casco Bay Light & Water Co.....	112,603.96	51,608.51	12,637.38	16,890.60		31,467.47		1,745.80	33,213.27	16,937.07	16,276.20
Central Maine Power Co.....	20,169,306.86	9,859,153.58	3,435,401.91	2,004,392.79	16,107.32	4,854,251.26	\$73,358.62	182,390.79	4,963,283.79	1,645,176.11	3,318,107.32
Cornish & Kezar Falls Lt. & Power Co.	62,007.19	53,171.21	4,447.46	7,198.01	159.25	*2,968.74	4,130.32	1,170.40	2,331.98	271.11	2,060.87
Farmers Electric Co.....	8,024.56	4,537.73	766.09	1,093.27		1,627.47			1,627.47		1,627.47
Fort Fairfield Light & Power Co.....	125,721.32	96,506.36	14,331.81	7,925.40	524.91	6,432.84		*1,015.35	5,417.49	508.54	4,908.95
Hampden-Newburg Light & Power Co.	22,609.61	15,940.94	2,273.82	1,357.96		3,036.89		6.00	3,042.89		3,042.89
Houlton Water Co.—Electric Dept...	247,976.42	218,453.65		15,587.04		13,935.73	3,426.63	14,685.73	31,948.09	1,741.21	31,109.62
Kennebunk Electric Light Dept.....	89,292.34	70,304.44	4,000.00			11,987.90		1,216.57	13,204.47	4,937.82	8,266.65
Kittery Electric Light Co.....	239,190.03	191,967.55	25,041.24	14,683.79	300.00	7,197.45	12,243.72		19,441.17	505.77	18,935.40
Limestone Electric Co.....	107,718.53	76,519.29	10,429.45	3,984.00	97.39	16,680.02			16,680.02	250.00	16,438.20
Lubec Electric Dept.....	68,795.54	50,735.59	690.00	5,042.39	69.92	12,157.64	26.56	1,508.38	13,692.58	200.00	13,492.58
Madison Electric Dept.....	67,560.87	57,991.09	1,369.42	4,484.28	82.19	3,633.89	3,210.82	4,812.94	11,657.65	68.01	11,589.64
Maine Consolidated Power Co.....	347,141.16	252,692.69	36,742.91	32,242.93		25,462.63	17,516.97	1,772.27	44,751.87	20,074.22	24,677.65

*Loss

SCHEDULE NO. 2—Concluded
Statement of the Income Account of Electric Utilities, Year Ended December 31, 1948

Name of Company	Operating Revenues	Operation and Maintenance	Taxes	Depreciation	Uncollectibles and Other Expenses	Net Operating Revenues (Electric)	Net Revenue other Operations	Other Income	Gross Income	Deductions from Gross Income	Net Income
Maine Public Service Co.....	\$1,544,280.99	\$1,100,244.61	\$113,818.83	\$121,927.71	\$111,007.49	\$97,282.35	\$168,950.03	\$59,870.54	\$228,820.57	\$117,143.87	\$111,676.70
Mars Hill Electric Co.....	54,787.59	42,803.15	5,695.63	1,500.00	210.99	4,577.82		3,606.18	8,184.00		8,184.00
Monson Light & Power Co.....	18,002.09	14,756.25	1,069.92	862.53	495.64	817.75	1,259.05		2,077.05	120.00	1,957.05
Monticello Electric Co.....	16,481.32	13,306.06	852.38	661.81		1,661.07			1,749.50		1,749.50
Oquossoc Light & Power Co.....	55,706.68	38,357.62	4,436.86	5,634.30	102.39	7,175.51	699.64		7,875.51	3,299.78	4,575.37
Phillips Electric Light & Power Co.....	19,406.63	16,605.79	2,002.60	1,244.99	4.05	*450.80		964.50	20,371.13	19,857.43	513.70
Rumford Light Co.....	371,983.69	241,868.68	24,613.91	16,149.91	130.59	89,220.60	35,330.25	3,344.68	127,895.53	34,368.70	93,526.83
Squirrel Island Village Corp.....	5,291.36	3,488.15		1,168.46		634.75			634.75	1,134.80	*500.05
St. Croix Electric Co.....	149,554.74	102,534.26	17,065.34	13,390.29		16,564.85	2,913.57	419.40	19,897.82	7,705.03	12,192.79
Stonington & Deer Isle Power Co.....	48,694.99	31,723.40	4,350.59	7,062.91		4,892.09	3,636.69	6.10	8,534.88	1,671.58	6,863.30
Stratton Light Co.....	17,753.57	15,176.82	1,106.20	2,516.18		*1,045.63			*1,045.63	700.00	*1,745.63
Van Buren Light & Power District.....	72,033.02	60,883.64		6,194.73	350.00	4,429.65		143.00	4,572.65		4,572.65
Vinalhaven Light & Power Co.....	39,800.85	29,150.56	3,570.65	5,075.00		2,004.64			2,241.93	1,048.38	1,193.55
Washburn Electric Co.....	51,144.53	31,276.95	7,131.51		259.38	12,476.69	3,517.76		15,994.45	5.50	15,998.95
Woodland Light & Power Co.....	21,148.25	14,877.46	877.52	1,908.71	18.11	3,466.45	635.41	4,671.08	8,772.94		8,772.94

*Loss

SCHEDULE NO. 3
Statement of the Operating Revenues of Electric Utilities, Year ended December 31, 1948

Name of Company	Residential Sales	Commercial Sales	Power Sales	Public Lighting and Power Sales	Sales to Other Utilities	Other Sales	Other Electric Revenues	Total Operating Revenues
Bangor Hydro Electric Co.....	\$1,481,107.34	\$706,933.67	\$843,952.56	\$81,812.74	\$208,043.84	\$6,070.42	\$24,734.49	\$3,352,655.06
Carrabassett Light & Power Co.....	12,884.30	2,498.20	7,279.63	885.00	.....	78.00	.....	23,625.13
Casco Bay Light & Water Co.....	47,604.75	6,733.20	.....	23,706.02	.....	34,559.99	.....	112,603.96
Central Maine Power Co.....	7,724,900.65	3,334,704.73	7,080,364.57	1,034,628.75	362,899.33	119,067.60	109,000.00	512,741.19
Cornish & Kezar Falls Light & Power Co.	33,872.36	7,768.03	18,825.17	1,541.63	.....	.....	.....	62,007.19
Farmers Electric Co.....	8,024.56	.....	.....	.....	.....	.....	.....	8,024.56
Fort Fairfield Light & Power Co.....	64,223.91	38,263.39	17,085.00	6,149.02	.....	.....	.....	125,721.32
Hampden-Newburg Light & Power Co..	21,416.40	.....	420.87	320.00	.....	12.00	440.34	22,609.61
Houlton Water Co.—Electric Dept.....	117,696.06	69,865.42	40,389.70	11,546.37	1,193.94	.....	7,184.93	247,876.42
Kennebunk Electric Light Dept.....	48,402.02	18,539.23	12,678.71	4,640.99	.....	1,190.47	3,840.92	89,292.34
Kittery Electric Light Co.....	188,915.05	30,432.65	.....	19,837.33	.....	.....	5.00	239,190.03
Limestone Electric Co.....	50,366.86	23,880.60	2,374.99	938.55	2,502.16	26,438.40	1,216.97	107,718.53
Lubec Electric Dept.....	28,189.50	10,074.75	28,374.77	2,026.20	.....	.....	130.32	68,795.54
Madison Electric Dept.....	43,174.36	14,557.23	1,096.88	828.00	7,487.40	.....	417.00	67,560.87
Maine Consolidated Power Co.....	160,082.74	61,935.27	105,330.77	11,701.98	8,090.40	.....	.....	347,141.16

SCHEDULE NO. 3—Concluded
Statement of the Operating Revenues of Electric Utilities, Year Ended December 31, 1948

Name of Company	Residential Sales	Commercial Sales	Power Sales	Public Lighting and Power Sales	Sales to Other Utilities	Other Sales	Other Electric Revenues	Total Operating Revenues
Maine Public Service Co.....	\$661,156.46	\$318,895.63	\$187,586.92	\$39,905.50	\$323,480.19		\$13,256.29	\$1,544,280.99
Mars Hill Electric Co.....	29,397.43	15,196.49	8,876.46	1,315.21				54,787.59
Monson Light & Power Co.....	10,197.18	1,225.08	5,927.09	652.74				18,002.09
Monticello Electric Co.....	16,181.32			300.00			88.43	16,569.75
Oquosoc Light & Power Co.....	25,047.11	22,152.95	5,446.21	3,060.41				55,706.68
Phillips Electric Light & Power Co.....	13,869.58	3,248.27	1,253.54	1,035.24			964.50	20,371.13
Rumford Light Co.....	218,509.07	72,142.53	51,324.11	23,613.98	43.28	\$2,323.55	4,027.17	371,983.69
Squirrel Island Village Corp.....	3,848.69	542.67		900.00				5,291.36
St. Croix Electric Co.....	59,062.78	49,573.27	33,953.69	4,271.79	2,298.35		394.86	149,554.74
Stonington & Deer Isle Power Co.....	32,297.27	8,035.91	4,864.83	1,532.28	1,964.70			48,694.99
Stratton Light Co.....	8,263.00	4,094.79	3,346.28	1,050.24		577.64	421.62	17,753.57
Van Buren Light & Power District.....	41,164.40	24,084.83	7,094.65	1,182.63		1,522.98	*3,376.47	72,033.02
Vinalhaven Light & Power Co.....	26,504.61	7,506.20	3,405.25	2,384.79				39,800.85
Washburn Electric Co.....	31,024.58	8,339.92	9,216.03	2,137.30			426.70	51,144.53
Woodland Light & Power Co.....	15,148.14	2,176.21		2,937.65			549.25	21,148.25

*Discount considered as loss.

SCHEDULE NO. 4
Statement of the Operating Expenses of Electric Utilities, Year Ended December 31, 1948

Name of Company	Purchased Power	Steam Power Operation	Steam Power Maintenance	Hydraulic Power Operation	Hydraulic Power Maintenance	Internal Combustion Operation	Internal Combustion Maintenance	Transmission Operation
Bangor Hydro Electric Co.....	\$153,790.23			\$151,397.87	\$60,475.61	\$7,819.07	\$370.94	\$44,355.88
Carrabassett Light & Power Co.....	10,146.76							
Casco Bay Light & Power Co.....						33,352.53	1,874.42	
Central Maine Power Co.....	254,074.69	\$4,408,162.13	\$217,808.43	607,810.09	131,828.97	45,253.83	3,820.63	142,393.77
Cornish & Kezar Falls Light & Power Co.	19,271.95			8,930.68	1,013.44			
Farmers Electric Co.....								
Fort Fairfield Light & Power Co.....	45,733.27							
Hampden-Newburg Light & Power Co..	6,790.38							
Houlton Water Co.—Electric Dept.....	134,578.13							
Kennebunk Electric Light Dept.....	32,219.37			15,077.26	532.68			1,094.63
Kittery Electric Light Co.....	128,126.36							
Limestone Electric Co.....	43,303.60							
Lubec Electric Dept.....	6,071.77			4,900.14	159.21	21,655.35	1,651.59	66.00
Madison Electric Dept.....	19,383.32			9,807.83	2,836.55			203.95
Maine Consolidated Power Co.....	136,456.33			41.64				

SCHEDULE NO. 4—Continued
Operating Expenses—Electric

Name of Company	Transmission Maintenance	Distribution Operation	Distribution Maintenance	Customers' Accounting and Collecting Expenses	Sales Promotion Expense	Administra- tion and General Expense	Total Operation and Maintenance
Bangor Hydro Electric Co.	\$21,779.40	\$122,432.09	\$101,713.11	\$202,655.47	\$10,070.56	\$350,328.88	\$1,227,189.11
Carrabassett Light & Power Co.		6,566.43				3,393.60	20,106.79
Casco Bay Light & Water Co.		3,509.33	4,502.40	3,104.81	10.00	8,764.35	51,608.51
Central Maine Power Co.	244,147.32	912,389.59	476,594.88	1,065,717.63	246,810.53	1,102,341.09	9,859,153.38
Cornish & Kezar Falls Light & Power Co.		2,096.94	9,057.02	827.95	55.00	11,918.23	53,171.21
Farmers Electric Co.		2,721.16	1,185.78			630.79	4,537.73
Fort Fairfield Light & Power Co.		11,916.42	1,192.32	5,006.59	1,378.42	31,279.34	96,506.36
Hampden-Newburg Light & Power Co.		2,987.87	3,380.10			1,640.25	15,940.94
Houlton Water Co.—Electric Dept.		30,841.15	36,477.16	12,448.80	2,642.73	32,306.83	218,453.65
Kennebunk Electric Light Dept.		4,969.86	4,923.56	4,089.99	10.00	7,387.09	70,304.44
Kittery Electric Light Co.		14,446.94	4,460.58	17,193.91	9,723.49	18,016.27	191,967.55
Limestone Electric Co.		9,857.29	7,579.79	1,565.65	105.00	14,107.96	76,519.29
Lubec Electric Dept.	21.75	3,072.94	2,811.70	4,192.47		5,609.19	50,735.59
Madison Electric Dept.	1,151.61	3,481.72	6,938.02	7,161.79	233.73	6,792.57	57,991.09
Maine Consolidated Power Co.	12,935.66	906.16	15,265.79	10,042.37	3,019.26	74,025.48	252,692.69

SCHEDULE NO. 4—Continued
Statement of the Operating Expenses of Electric Utilities, Year Ended December 31, 1948

Name of Company	Purchased Power	Steam Power Operation	Steam Power Maintenance	Hydraulic Power Operation	Hydraulic Power Maintenance	Internal Combustion Operation	Internal Combustion Maintenance	Transmission Operation
Maine Public Service Co.....	\$570,879.99			\$25,553.22	\$2,496.04	\$109,802.56	\$27,883.12	\$29,500.80
Mars Hill Electric Co.....	17,147.70							
Monson Light & Power Co.....	7,489.74							
Monticello Electric Co.....	7,407.80							
Oquossoc Light & Power Co.....				6,240.16	2,090.38	11,694.33	5.30	
Phillips Electric Light & Power Co.....	8,090.40			3,830.54				
Rumford Light Co.....	91,969.96							6,354.06
Squirrel Island Village Corp.....	2,789.95							
St. Croix Electric Co.....	907.20					60,386.59	5,715.06	
Stonington & Deer Isle Power Co.....	11,197.20					1,704.71	3.50	184.68
Stratton Light Co.....	272.00			1,709.03	3,252.44	5,034.19		
Van Buren Light & Power District.....	35,146.78							
Vinalhaven Light & Power Co.....						15,347.83	742.89	
Washburn Electric Co.....								
Woodland Light & Power Co.....	9,666.30							

SCHEDULE NO. 4—Concluded
Operating Expenses—Electric

Name of Company	Transmission Maintenance	Distribution Operation	Distribution Maintenance	Customers' Accounting and Collecting Expenses	Sales Promotion Expense	Administra- tion and General Expense	Total Operation and Maintenance
Maine Public Service Co.....	\$16,275.83	\$58,780.34	\$56,838.79	\$57,581.07	\$9,909.62	\$134,743.23	\$1,100,244.61
Mars Hill Electric Co.....		6,977.30	3,731.95	1,490.55	53.40	13,402.25	42,803.15
Monson Light & Power Co.....		1,312.09	1,706.00	540.00		3,708.42	14,756.25
Monticello Electric Co.....		3,472.96				2,425.30	13,306.06
Oquossoc Light & Power Co.....	2,155.12	221.34	210.90	382.65	70.00	11,313.75	38,357.62
Phillips Electric Light & Power Co.....	1,357.61	68.98	697.45			2,560.31	16,605.79
Rumford Light Co.....	1,409.79	23,567.07	13,810.06	35,421.84	7,282.75	62,053.15	241,868.68
Squirrel Island Village Corp.....		91.73	431.47			175.00	3,488.15
St. Croix Electric Co.....		3,243.09	12,749.19	10,701.17	443.91	8,388.05	102,534.26
Stonington & Deer Isle Power Co.....	1,501.85	455.66	1,156.51	665.38	301.11	14,552.80	31,723.40
Stratton Light Co.....	200.40		973.60			5,444.19	15,176.82
Van Buren Light & Power District.....		2,265.70	9,898.21	580.06	115.00	12,877.89	60,883.64
Vinalhaven Light & Power Co.....		294.37	3,592.02	2,696.68	7.25	6,469.52	29,150.56
Washburn Electric Co.....		2,511.73	1,872.60	996.69	342.10	9,280.35	31,276.95
Woodland Light & Power Co.....			1,716.19			3,494.97	14,877.46

TABULATED STATEMENTS

COMPILED FROM THE

Reports of
Steam Railroad Companies

FOR THE

Year Ended December 31, 1948

SCHEDULE NO. 6

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 track and sidings	Total line operated
Bangor & Aroostook Railroad Co.....	596.32	29.81	239.93	866.06
Belfast & Moosehead Lakes R.R. Co.....	33.07	.06	4.32	37.45
Boston & Maine Railroad Co.....	102.39	39.89	19.00	161.28
Canadian National Railway.....	89.48	.99	56.58	147.05
Canadian Pacific Railway Co.....	177.04	.....	51.83	228.87
Maine Central Railroad Co.....	820.63	56.92	260.83	1,138.38
Portland Terminal Co.....	28.00	12.65	84.62	125.27
Totals.....	1,846.93	140.32	717.11	2,704.36

SCHEDULE NO. 7

Traffic and Mileage Statistics

Railroads	Number of Passengers Carried	Number of Passengers Carried One Mile	Tons of Freight Carried	Tons of Freight Carried One Mile
Bangor & Aroostook Railroad Co.....	157,457	15,409,742	3,737,498	528,063,000
Belfast & Moosehead Lake R.R. Co.....	10,190	175,280	131,292	3,263,000
Canadian National Railway.....	49,895	4,596,815	1,253,716	134,856,000
Canadian Pacific Railway Co.....	92,280	17,315,925	2,866,631	491,728,000
Maine Central Railroad Co.....	909,102	77,222,075	8,820,310	1,119,867,000
Totals.....	1,218,924	114,719,837	16,809,447	2,277,771,000

SCHEDULE NO. 8

Mileage of Steam Railroads and Increase from 1836 to Dec. 31, 1948
(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 1948 is as follows:

	Miles	Increase		Miles	Increase
1836	12.00		1896	1,720.41	93.66
1842	19.88	7.88	1897	1,722.92	2.51
1843	72.39	52.51	1898	1,748.95	26.03
1847	75.39	3.00	1899	1,871.85	122.90
1848	132.16	56.77	1900	1,905.00	33.15
1849	211.49	79.33	1901	1,918.98	13.98
1850	232.59	21.10	1902	1,933.35	14.37
1851	280.61	48.02	1903	2,004.81	71.46
1852	319.74	39.13	1904	2,018.60	13.79
1853	330.74	11.00	1905	2,092.63	4.03
1854	333.74	3.00	1906	2,093.49	70.86
1855	352.84	19.10	1907	2,144.77	51.28
1856	370.75	17.91	1908	2,173.91	29.14
1857	390.82	20.07	1909	2,174.95	1.04
1859	411.29	20.47	1910	2,259.60	84.65
1861	441.99	30.70	1911	2,288.36	28.76
1867	444.49	2.50	1912	2,284.38	*3.98
1868	516.45	71.96	1913	2,301.03	16.65
1869	601.65	85.20	1914	2,300.37	*.66
1870	650.20	48.55	1915	2,301.05	.68
1871	772.63	122.43	†1916	2,289.61	*11.44
1873	814.63	42.00	#1916	2,289.04	*.57
1874	846.43	31.80	1917	2,299.27	10.23
1875	865.71	19.28	1918	2,286.81	*12.46
1876	881.33	15.62	1919	2,312.68	25.82
1879	911.23	29.90	1920	2,313.87	1.19
1880	1,023.32	112.09	1921	2,315.15	1.28
1881	1,036.15	12.83	1922	2,290.01	*25.14
1882	1,051.64	15.49	1923	2,290.67	.66
1883	1,063.27	11.63	1924	2,379.39	88.72
1884	1,132.27	69.00	1925	2,371.87	*7.52
1885	1,132.27		1926	2,354.18	*17.69
1886	1,141.43	9.16	1927	2,327.64	*26.34
1887	1,164.52	23.09	1928	2,330.98	3.14
1888	1,164.07	*.45	1929	2,320.38	*10.60
1889	1,322.45	158.38	1930	2,316.62	*3.76
1890	1,360.26	37.81	1931	2,319.81	3.29
1891	1,382.92	22.66	1932	2,311.53	*8.28
1892	1,385.00	2.08	1933	2,164.58	*146.95
1893	1,399.14	14.14	1934	2,120.71	*43.87
1894	1,515.99	116.85	1935	2,078.00	*40.71
1895	1,626.75	110.76	1936	2,039.91	*38.09
			1937	1,949.21	*90.70
			1938	1,932.08	*17.13
			1939	1,914.94	*17.14
			1940	1,914.80	*.14
			1941	1,912.33	*2.47
			1942	1,894.85	*17.48
			1943	1,882.00	*11.95
			1944	1,854.86	*28.04
			1945	1,854.80	.04
			1946	1,854.93	.03
			1947	1,854.65	*.28
			1948	1,846.93	*7.72

*Decrease

†June 30, 1916

#Dec. 31, 1916



TABULATED STATEMENTS

COMPILED FROM THE

Reports of
Water Companies

Having a Gross Revenue of \$10,000 or more

FOR THE

Year Ended December 31, 1948

SCHEDULE NO. 10
Statement of Assets, Water Utilities, Year Ended December 31, 1948

44

Name of Company	Operating Property	Other Operating Property	Total Operating Property	Current Assets	Other Assets	Deferred Debits	Reacquired Securities	Total Assets
Auburn Water District	\$1,217,167.66		\$1,217,167.66	\$18,028.47	\$97,333.05			\$1,332,529.18
Augusta Water District	1,978,274.77	\$4,380.16	1,982,655.23	59,401.59		\$415.22		2,042,472.04
Bangor Water Dept.	2,551,479.86	3,856.35	2,555,336.21	232,189.22	34,293.01	47,414.19		2,869,232.63
Bar Harbor Water Co.	492,230.83		492,230.83	2,078.26	21,000.00			515,309.09
Bath Water District	1,182,510.19		1,182,510.19	65,261.78	51,542.24			1,299,314.21
Belfast Water District	265,579.38		265,579.38	5,772.32	492.45			271,844.15
Biddeford & Saco Water Co.	2,872,997.83		2,872,997.83	123,453.78	4,739.59	34,483.11		3,035,674.31
Boothbay Harbor Water System	359,540.20		359,540.20	10,256.91				369,797.11
Brunswick & Topsham Water District	658,543.02	3,500.00	662,043.02	40,346.19	11,800.24	770.93		714,960.38
Bucksport Water Co.	163,838.24		163,838.24	30,109.79		3,191.59		197,139.62
Calais Water & Power Co.	286,410.39		286,410.39	20,748.86	3,000.00			310,159.25
Camden & Rockland Water Co.	1,868,022.25		1,868,022.25	61,799.16	63,540.00	29,225.94		2,022,587.35
Caribou Water Works Corp.	300,610.02		300,610.02	91,352.35		9,373.53		401,335.90
Castine Water Co.	121,212.30		121,212.30	240.15	500.00	1,600.00		123,552.45
Central Maine Power Co.								
Damariscotta-Newcastle Water Co.	167,641.36		167,641.36	19,436.83	390.00	4,048.50		191,516.69
Dover & Foxcroft Water District	340,369.80	47,513.73	387,883.53	28,244.23	40,167.93	331.39		456,627.08
Eastport Water Co.	296,566.95		296,566.95	18,677.74		3,583.16		318,827.85
Fort Kent Water Co.	90,028.40		90,028.40	4,460.91	600.00			95,089.31
Freeport Water Co.	118,170.61		118,170.61	8,426.47	620.00	1,609.28		128,826.36
Frontier Water Co.	139,691.07		139,691.07	11,434.34	1,350.00			152,475.41
Gardiner Water District	565,485.67		565,485.67	44,461.15	203,329.96	1,919.09		815,195.87
Greenville Water Co.	140,311.53		140,311.53	14,251.49				154,563.02
Guilford Water Co.	90,849.38	5,264.25	96,113.63	4,384.39	1,010.00	587.55		102,095.57
Hallowell Water District	197,314.36		197,314.36	8,959.41	39,280.91	800.13		246,354.81
Hampden Water District	224,627.78		224,743.70	5,631.24	11,233.51			241,608.45
Houlton Water Co.	536,146.60	845,802.12	1,381,948.72	186,989.21		3,300.54		1,633,888.47
Kennebec Water District	1,881,867.09		1,881,867.09	33,209.90	817,074.09	1,432.88		2,733,583.96
Kennebunk Water District	1,545,812.84		1,545,812.84	52,004.44	638,423.27	20,003.21		2,256,243.76
Kittery Water District	1,278,210.97		1,278,210.97	52,467.30	937.50			1,332,115.77
Lewiston Water Commission	1,626,457.75		1,626,457.75	18,173.37				1,644,631.12
Lincoln Water Co.	204,700.72		204,700.72	5,447.13		2,614.65		212,762.50
Lisbon Water Works	223,989.02		223,989.02	24,364.84	30,268.75			278,622.61
Livermore Falls Water District	226,651.64	8,511.30	235,162.94	30,132.46	87,335.67			352,631.07
Lubec Water Dept.	237,461.60		237,461.60	9,906.87				247,368.47

PUBLIC UTILITIES COMMISSION REPORT

SCHEDULE NO. 10—Continued
Statement of Liabilities, Water Utilities, Year Ended December 31, 1948

Name of Company	Capital Stock	Non-corporate Proprietorship	Long Term Debt	Current Liabilities	Reserves	Deferred Credits	Surplus	Total Liabilities
Auburn Water District			\$225,700.00	\$37,269.00	\$743,353.72			\$1,332,529.18
Augusta Water District			481,500.00	10,248.11	1,173,100.02		\$377,623.91	2,042,472.04
Bangor Water Dept.			42,000.00	1,493.45	1,434,543.34	\$399.10	1,390,796.74	2,869,232.63
Bar Harbor Water Co.	\$139,050.00		125,000.00	8,000.00	131,736.30		111,522.79	515,309.09
Bath Water District			330,000.00	6,895.86	781,054.95	2,775.02	228,588.38	1,299,314.21
Belfast Water District			137,000.00	5,040.40	96,074.58		33,729.17	271,844.15
Bideford & Saco Water Co.	826,497.00		1,567,000.00	193,124.72	354,879.31	3,845.00	90,328.28	3,035,674.31
Boothbay Harbor Water System				8,000.00	90,960.82		278,836.29	369,797.11
Brunswick & Topsham Water District			191,000.00	2,955.00	466,509.38	988.40	53,507.00	714,960.38
Bucksport Water Co.	76,650.00		57,000.00	5,387.72	27,313.33		30,788.57	197,139.62
Calais Water & Power Co.	200,000.00			8,876.57	70,080.14	678.00	30,524.54	310,159.25
Camden & Rockland Water Co.	601,400.00		935,000.00	14,553.74	208,041.29		263,592.32	2,022,587.35
Caribou Water Works Corp.	170,000.00		150,000.00	15,148.20	33,917.38	8,912.00	23,358.32	401,335.90
Castine Water Co.	50,000.00		48,000.00	2,948.85	7,870.03		14,732.57	123,552.45
Central Maine Power Co.								
Damariscotta-Newcastle Water Co.	50,000.00		78,000.00	878.58	22,750.72		39,878.39	191,516.69
Dover & Foxcroft Water District			60,000.00	3,141.36	31,400.44		78,085.28	456,627.08
Eastport Water Co.	60,000.00		180,000.00	3,792.00	26,642.07		48,393.78	318,827.85
Fort Kent Water Co.	20,000.00		60,000.00	7,523.08	12,857.96		*5,291.73	95,089.31
Freeport Water Co.	21,800.00		33,500.00	23,558.94	8,286.86		41,680.56	128,826.36
Frontier Water Co.	49,600.00		50,000.00	1,504.15	33,899.93	467.49	17,003.84	152,475.41
Gardiner Water District			322,500.00	4,421.25	202,441.09		285,833.53	815,195.87
Greenville Water Co.	112,750.00			2,270.75	31,296.73		8,245.54	154,563.02
Guilford Water Co.	32,500.00		31,000.00	2,871.86	25,123.46		10,600.25	102,095.57
Hallowell Water District			78,000.00	542.49	113,157.10	148.99	54,506.23	246,354.81
Hampden Water District			115,000.00	10,940.30	110,256.11	1,710.34	3,701.70	241,608.45
Houlton Water Co.	50,000.00	\$170,000.00	170,000.00	59,850.66	597,673.14	3,108.72	753,255.95	1,633,888.47
Kennebec Water District			1,122,000.00	23,979.90	1,214,530.52		373,073.54	2,733,583.96
Kennebunk Water District			1,680,000.00	30,645.01	300,670.95	44.68	246,483.12	2,256,243.76
Kittery Water District				121,360.95	493,021.96		717,732.86	1,332,115.77
Lewiston Water Commission			347,000.00	3,642.50	509,259.71		784,728.91	1,644,631.12
Lincoln Water Co.	50,000.00		100,000.00	40,568.44	11,664.69		10,529.37	212,762.50
Lisbon Water Works			55,000.00		22,354.39		201,368.22	278,622.61
Livermore Falls Water District			100,000.00		152,280.20		100,350.87	352,631.07
Lubec Water Dept.			82,100.00	29,034.93	44,053.75		92,179.79	247,368.47

SCHEDULE NO. 10—Continued
Statement of Assets, Water Utilities, Year Ended December 31, 1948

Name of Company	Operating Property	Other Operating Property	Total Operating Property	Current Assets	Other Assets	Deferred Debits	Reacquired Securities	Total Assets
Machias Water Co.	\$114,771.02		\$114,771.02	\$3,152.53	\$5,000.00	\$1,004.74		\$123,928.29
Madison Water District	338,543.95		338,543.95	23,123.59				361,667.54
Mechanic Falls Water Co.	89,434.46		89,434.46	4,866.83		283.94		94,585.23
Mexico Water District	138,423.10		138,423.10	5,013.61				143,436.71
Millinocket Water Co.	230,195.46	\$6,467.58	236,663.04	6,761.64				243,424.68
Milo Water District	213,970.06	49,222.65	263,192.71	6,238.24	5,700.00			284,478.42
Newport Water Co.	155,501.90		155,501.90	2,107.87		1,927.69		159,537.46
North Berwick Water Co.	55,813.37		55,813.37	5,070.85				60,884.22
Northern Water Co.	142,545.37	7,162.50	149,707.87	9,854.50				159,562.37
Northeast Harbor Water Co.	143,648.71		143,648.71	16,064.85	10,000.00			169,713.56
Norway Water District	166,794.77		166,794.77	21,140.87				187,935.64
Oakland Water Co.	112,785.88		112,785.88	7,318.00	10,000.00			130,103.88
Old Town Water District	634,537.40		634,537.40	22,688.23		6,128.78		663,354.41
Penobscot County Water Co.	898,862.62		898,862.62	47,529.75	300.00	16,429.55		963,121.92
Pittsfield Water Works	164,839.57		164,839.57	5,503.90	4,000.00	69.12		174,412.59
Portland Water District	12,518,800.84	43,071.65	12,561,872.49	434,071.84	2,724,041.26	6,090.44		15,726,076.03
Presque Isle Water District	412,397.57		412,397.57	22,188.70	21,281.25			455,867.52
Rangeley Water Co.	103,946.73		103,946.73	1,784.68				105,731.41
Richmond Water Works	60,012.74		60,012.74	10,521.61			\$645.00	71,179.35
Rumford & Mexico Water District	589,775.62		589,775.62	13,565.97	83,204.42			686,546.01
Sanford Water District	793,894.09		793,894.09	32,799.97	170,090.32	9,275.97		1,006,060.35
Searsport Water District	135,882.50		135,882.50	7,204.45				143,086.95
Skowhegan Water Co.	269,396.56		269,396.56	23,767.52		2,615.40		295,779.48
So. Paris Village Corp.	144,387.40		144,387.40	20,280.35				164,667.75
Southwest Harbor Water Co.	116,590.35		116,590.35	6,661.31				123,251.66
Van Buren Water District	181,718.65		181,718.65	9,043.40				190,762.05
Vinalhaven Water Co.	98,014.49		98,014.49	5,934.76	4,442.40		43.50	108,435.25
Wilton Water Co.	178,388.44	1,396.17	179,784.61	8,449.41	22,307.52			211,249.42
Winthrop Water District	150,954.05	3,000.00	153,954.05	9,301.03	14,313.71			177,568.79
Wiscasset Water Co.	100,514.72		100,514.72	4,131.61		785.68		106,252.01
Woodland Light & Water Co.	105,565.70	41,325.46	146,891.16	63,502.96	97,370.00			307,764.12
Yarmouth Water District	249,212.67		249,212.67	23,601.70	14,204.60	331.10		287,400.07
York Water District	621,477.26	3,000.00	624,477.26	30,602.28	541,760.14	1,382.76		1,198,222.44

SCHEDULE NO. 10—Concluded
Statement of Liabilities, Water Utilities, Year Ended December 31, 1948

Name of Company	Capital Stock	Non-corporate Proprietorship	Long Term Debt	Current Liabilities	Reserves	Deferred Credits	Surplus	Total Liabilities
Machias Water Co.	\$50,000.00		\$24,000.00	\$3,000.00	\$45,660.51		\$2,267.78	\$123,928.29
Madison Water District				126,185.54	29,556.98		205,925.02	361,667.54
Mechanic Falls Water Co.	28,000.00			2,364.65	27,193.60		4,026.92	94,585.23
Mexico Water District				21,000.00	5,166.29			143,436.71
Millinocket Water Co.	60,000.00			60,000.00	8,323.95			243,424.68
Milo Water District				190,000.00	6,243.55		61,677.19	284,478.42
Newport Water Co.	20,000.00			71,000.00	3,396.11		53,539.11	159,537.46
North Berwick Water Co.	45,000.00			2,000.00	1,135.32	\$2,265.42	\$3,636.38	60,884.22
Northern Water Co.	80,000.00				2,332.53		7,619.21	159,562.37
Northeast Harbor Water Co.	46,000.00				58.72		45,747.69	169,713.56
Norway Water District				125,000.00	531.25		28,971.28	187,935.64
Oakland Water Co.	50,000.00			30,000.00	550.00		22,910.50	130,103.88
Old Town Water District				316,000.00	5,133.79		218,600.00	663,354.41
Penobscot County Water Co.	403,000.00			316,000.00	28,938.27		83,755.67	963,121.92
Pittsfield Water Works				7,000.00	77,462.36		79,950.23	174,412.59
Portland Water District				7,839,000.00	264,081.54	7,522,509.67	92,035.05	15,726,076.03
Presque Isle Water District				293,000.00	57,683.54	80,859.87	23,977.36	455,867.52
Rangely Water Co.	38,000.00				2,486.78		2,878.20	105,731.41
Richmond Water Works	42,000.00				655.75		5,066.18	72,905.54
Rumford & Mexico Water District				143,500.00	2,420.25		124,585.58	686,546.01
Sanford Water District				542,000.00	898.99		1,006,060.35	1,006,060.35
Searsport Water District				130,000.00	1,686.83		679.58	143,086.95
Skowhegan Water Co.	91,200.00			116,000.00	6,785.67	2,989.67	295,776.79	495,079.48
So. Paris Village Corp.					1,130.98		131,267.29	164,667.75
Southwest Harbor Water Co.	40,000.00				49,913.14		123,251.66	192,164.80
Van Buren Water District				83,500.00	12,397.89			190,762.05
Vinalhaven Water Co.	39,600.00			40,000.00	14,929.98			108,435.25
Wilton Water Co.	53,000.00				2,107.43			211,249.42
Winthrop Water District				85,000.00	11,750.31		36,931.27	177,568.79
Wiscasset Water Co.	36,965.00			40,000.00	45.49		7,997.99	106,252.01
Woodland Light & Water Co.	102,600.00				1,977.89		101,931.77	307,764.12
Yarmouth Water District				31,000.00	31,787.32		144,694.46	287,400.07
York Water District				740,000.00	11,386.63		48,373.47	1,198,222.44

*Debit Balance

PUBLIC UTILITIES COMMISSION REPORT

SCHEDULE NO. 11
Statement of the Income Account of Water Utilities, Year Ended December 31, 1948

Name of Company	Operating Revenues	Operation and Maintenance	Taxes	Depreciation	Uncollectibles and Other Expenses	Net Operating Revenues	Net Revenue other Operations	Other Income	Gross Income	Deductions from Gross Income	Net Income
Auburn Water District	\$78,591.68	\$38,776.60		\$20,572.74	\$881.47	\$18,360.87		\$5,869.78	\$24,230.65	\$13,004.85	\$11,225.80
Augusta Water District	125,213.82	52,637.17	\$841.29	\$35,067.82		36,668.54		3,319.17	39,987.71	40,924.71	*937.00
Bangor Water Dept.	191,011.20	163,538.48	94.80	27,861.89		4,877.80		5,460.11	4,976.14	6,300.80	*1,324.66
Bar Harbor Water Co.	42,936.02	23,520.57	4,877.49	5,896.23		8,691.73		500.00	9,191.73	4,690.83	4,492.90
Bath Water District	121,523.60	77,955.03	269.50	20,686.16		22,612.91		1,899.43	24,512.34	11,807.05	12,705.29
Belfast Water District	33,016.62	24,353.33	39.60	1,327.39		7,296.30		874.76	8,171.06	3,433.25	4,737.81
Biddeford & Saco Water District	310,885.18	123,692.06	51,870.23	24,289.76		111,333.13		5,058.44	116,391.57	45,740.20	70,651.37
Boothbay Harbor Water System	34,286.85	28,361.74	234.58	9,996.29		4,305.76		409.20	*3,996.56	*423.28	*4,419.84
Brunswick & Topsham Water District	73,444.89	57,149.94		11,616.91		4,555.32		3,172.19	7,727.51	7,928.92	*201.41
Bucksport Water Co.	17,726.90	7,357.84	1,126.51	3,154.00	22.40	6,066.15		5.94	6,072.09	2,533.52	3,538.57
Calais Water & Power Co.	59,323.40	33,492.95	11,872.18	4,500.00	139.03	9,319.24		879.01	10,198.25	218.00	9,980.25
Camden & Rockland Water Co.	167,136.55	44,453.62	43,016.70	14,086.73		65,579.50		2,912.77	68,492.27	35,627.92	32,864.35
Caribou Water Works Corp.	62,672.83	44,085.43	10,024.14	2,638.32	200.00	5,724.74		1,223.12	6,947.86	3,790.11	3,157.75
Castine Water Co.	11,947.64	6,021.65	1,960.86	600.00		3,365.13				2,143.90	1,221.23
Central Maine Power Co.											
Damariscotta-Newcastle Water Co.	21,621.85	9,655.78	3,452.73	1,700.00	200.00	6,613.34		584.40	7,197.74	3,789.20	3,408.54
Dover & Foxcroft Water District	21,775.64	16,505.05	75.08	5,011.75	60.00	123.76		1,346.45	1,470.21	2,331.83	*861.62
Eastport Water Co.	34,344.09	19,071.64	1,528.78	888.98	204.84	12,640.85		326.22	12,976.07	7,363.64	5,612.43
Fort Kent Water Co.	17,059.65	11,921.62	2,926.47	1,300.00		911.56		63.34	974.90	2,485.00	*1,510.10
Freeport Water Co.	12,862.96	7,956.16	2,198.68	1,363.34		1,344.78		1,335.49	2,678.27	1,464.90	1,213.37
Frontier Water Co.	20,429.40	14,936.77	3,756.14	2,000.00		*263.51		180.00	*83.51	2,106.40	*2,189.91
Gardiner Water District	55,684.20	37,185.31		5,298.84	9.76	13,190.29		6,395.49	19,585.78	17,195.69	2,390.09
Greenville Water Co.	16,883.36	6,092.87	2,678.20	1,190.18		6,922.11		74.19	6,996.30	6,996.30	
Guilford Water Co.	12,781.09	6,186.68	1,223.26	649.95	19.06	4,702.14		1,154.71	5,856.85	1,378.55	4,478.30
Hallowell Water District	19,472.83	12,187.72		3,082.85	19.15	4,183.11		907.08	5,090.19	5,976.75	886.56
Hampden Water District	18,429.31	7,913.67		1,191.97		9,323.67		339.21	9,662.88	8,600.04	1,062.84
Houlton Water Co.	45,234.55	37,803.64	5.00	5,993.52		1,431.39		2,847.68	4,279.07	41.07	4,238.00
Kennebec Water District	159,286.00	66,740.24	2,883.64	23,079.00		66,583.39		6,828.63	73,412.02	50,565.76	22,846.26
Kennebunk Water District	129,185.34	67,983.11		23,116.77		38,085.46		15,566.33	53,651.79	51,219.63	2,432.16
Kittery Water District	75,819.77	34,801.20	227.02	24,966.18		15,825.37		884.49	16,709.86	788.20	15,921.66
Lewiston Water Commission	150,939.84	81,801.46		16,248.75	2,949.70	49,939.93		2,434.67	52,374.60	8,001.25	44,373.35
Lincoln Water Co.	24,413.62	13,164.06	3,517.76	2,900.00		4,831.80			4,085.00	4,085.00	746.80
Lisbon Water Works	22,443.84	11,747.26				10,696.58		457.84	11,154.42	2,000.00	9,154.42
Livemore Falls Water District	23,298.48	14,362.55		5,885.29		3,050.64		2,956.63	6,007.27	5,893.84	113.43
Lubec Water Dept.	16,717.34	13,107.84		3,137.12	73.44	348.94		21.78	370.72	1,505.83	*1,135.11

*Loss

SCHEDULE NO 11—Concluded
Statement of the Income Account of Water Utilities, Year Ended December 31, 1948

Name of Company	Operating Revenues	Operation and Maintenance	Taxes	Depreciation	Uncollectibles and Other Expenses	Net Operating Revenues	Net Revenue other Operations	Other Income	Gross Income	Deductions from Gross Income	Net Income
Machias Water Co.	\$14,340.53	\$10,627.94		\$2,143.94		\$1,568.61		\$529.70	\$2,098.21	\$1,990.38	\$107.93
Madison Water District	24,135.41	10,317.16		1,808.77		12,009.48		186.34			12,195.82
Mechanic Falls Water Co.	13,002.78	8,370.50	\$400.34	683.78	\$110.55	3,437.61		145.71	3,583.32	1,678.80	1,904.52
Mexico Water District	14,198.67	4,934.72		1,606.43		7,463.49		381.70	7,845.19	5,414.89	2,430.30
Millinocket Water Co.	26,577.24	15,501.86	1,682.77	4,377.93		5,015.18		495.29	5,510.47		5,510.47
Milo Water District	20,820.96	11,841.71		3,971.41	28.69	4,559.95		757.86	4,717.81	3,120.85	1,596.96
Newport Water Co.	13,252.86	5,114.06		974.82		5,635.81		28.13	5,663.94	2,146.50	3,517.44
North Berwick Water Co.	9,371.19	4,426.36		835.82		3,454.93		12.85	3,467.78	246.28	3,221.50
Northern Water Co.	14,855.11	6,968.35		1,534.01		3,502.25		674.98	4,177.23		4,177.23
Northeast Harbor Water Co.	14,369.98	6,280.59	2,463.49	2,608.17		3,017.73		87.50	3,105.23		3,105.23
Norway Water District	21,944.81	10,281.95		2,616.90	79.52	8,966.44		4,291.92	13,258.36	3,414.12	9,844.24
Oakland Water Co.	15,729.88	10,152.39	1,151.43	1,000.00		3,426.06		765.26	4,191.32		2,541.32
Old Town Water District	71,784.66	41,694.66		10,922.99	827.03	13,339.98		1,890.60	20,239.58	12,281.35	7,958.23
Penobscot County Water Co.	125,708.64	42,459.00	37,397.06	9,337.19	315.42	36,199.97		840.93	37,040.90	11,584.52	25,456.38
Pittsfield Water Works	14,572.39	17,971.55		1,200.00				297.32		1,411.52	
Portland Water District	791,281.05	284,769.33	15,830.11	154,707.02	6,000.00	329,974.50		13,011.31	342,785.90	340,575.49	2,210.41
Presque Isle Water District	53,922.27	36,268.48		5,150.53	173.50	12,329.76		627.98	12,957.74	9,445.49	3,512.25
Rangely Water Co.	10,252.67	5,581.54	1,142.33	1,249.22		2,329.58		50.00	2,379.58	85.67	2,293.91
Richmond Water Works	11,032.51	12,483.64		894.98	77.84	*2,423.95					*2,423.95
Rumford & Mexico Water District	44,000.33	23,913.27		6,399.56		13,687.50		2,214.67	15,902.17	13,775.32	2,126.85
Sanford Water District	98,913.14	37,918.40		11,379.31	16.22	49,599.21		3,248.88	52,848.09	38,236.17	14,611.92
Searsport Water Co.	18,877.92	10,974.68		1,247.39		6,685.85			6,685.92	6,006.34	679.58
Skowhegan Water Co.	46,154.21	21,860.44	11,234.74	2,286.86	231.56	10,538.61		*29.07	10,569.54	4,332.37	6,177.17
South Paris Village Corp.	16,221.57	9,330.52		2,080.26		4,810.79					5,008.61
Southwest Harbor Water Co.	18,346.12	11,059.67	2,175.28	832.03	123.96	4,155.18		4,155.18	4,159.18	2,000.00	2,159.18
Van Buren Water District	21,934.73	15,958.34		1,650.00	*201.73	4,528.12				3,935.17	592.95
Vinalhaven Water Co.	8,913.96	6,539.99	459.33	732.00	222.85	959.79		275.31	1,335.10	1,600.00	*264.90
Wilton Water Co.	16,363.75	10,613.74		1,290.61	23.23	1,685.20		3,727.77	5,402.97	13.00	5,389.97
Winthrop Water District	19,096.51	11,248.45		2,272.88		5,575.18		995.20	6,570.38	2,568.47	4,001.91
Wisasset Water Co.	15,331.50	6,965.08	3,953.99	800.00	100.00	3,512.43		69.29	3,581.72	1,854.18	1,727.54
Woodland Light & Water Co.	10,773.61	7,417.39	1,505.00	1,215.00		635.41			635.41		4,782.53
Yarmouth Water District	19,785.45	10,408.28	186.00	4,024.99	161.64	4,677.72		1,281.44	5,959.16	4,142.05	1,817.11
York Water District	63,050.36	21,113.78		9,345.82		32,590.76		1,836.42	34,427.18	33,725.46	701.72

PUBLIC UTILITIES COMMISSION REPORT

*Loss

SCHEDULE NO. 12
Statement of the Operating Revenues of Water Utilities, Year Ended December 31, 1948

Name of Company	Residential Sales Metered	Residential Sales Flat-rate	Commercial Sales Metered	Commercial Sales Flat-rate	Industrial Sales	Fire Protection	Other Sales	Other Water Revenues	Total Operating Revenues
Auburn Water District.....	\$879.35	\$60,003.62	\$6,542.06	\$3,266.53	\$3,926.44	\$3,000.00	\$208.68		\$78,591.68
Angusta Water District.....	17,248.24	52,102.30	13,149.12	1,084.80	14,667.16	9,336.70	17,571.50	\$54.00	125,213.82
Bangor Water Dept.....	3,171.57	116,162.56	24,600.04	13,358.48	16,694.01	16,345.22	150.00	529.32	191,011.20
Bar Harbor Water Co.....	30,284.72		8,579.47	345.83	396.83	3,725.00			42,986.02
Bath Water District.....	35,691.85	37,037.18	8,866.15	4,229.84	20,978.97	14,719.61	50.00		121,523.60
Belfast Water District.....	2,201.45	19,105.44	4,517.71	2,766.75	1,738.64	2,451.18	275.95	109.50	33,116.62
Biddeford & Saco Water Co.....	102,256.98	84,449.40	42,143.31	8,200.95	23,167.68	50,426.86		60.00	310,885.18
Boothbay Harbor Water System		27,396.39	1,364.50	1,058.00	487.96	3,980.00			34,286.85
Brunswick & Topsham Water District	42,240.52		16,103.09		8,563.18	6,531.60			73,444.89
Bucksport Water Co.....	10,067.67	1,301.01	3,070.39	358.33	632.10	2,000.00	297.40		17,726.90
Calais Water & Power Co.....	12,615.10	19,849.96	5,684.60	1,206.17	3,421.50	15,170.46	1,375.61		59,323.40
Camden & Rockland Water Co.....	62,362.92	28,803.79	24,481.35	1,899.83	22,679.01	26,353.47	463.15	93.03	167,136.55
Caribou Water Works Corp.....	33,166.30	23.61	12,768.36	40.26	5,669.36	8,777.53	1,759.07	468.14	62,672.63
Castine Water Co.....		6,381.34	626.63	1,602.42		3,337.25			11,947.64
Central Maine Power Co.....	1,439.62	6,993.53	797.42	967.93	1,509.19	3,229.96	381.28		15,318.93
Damariscotta-Newcastle Water Co	11,319.86		3,259.79		1,968.14	5,074.06			21,621.85
Dover & Foxcroft Water District		17,062.51		1,734.94	738.00	938.80	413.84	887.55	21,775.64
Eastport Water Co.....	17,235.16		2,579.10		8,622.26	4,052.96	1,825.94	28.67	34,344.09
Fort Kent Water Co.....		10,273.62		1,458.20	274.98	4,580.61	410.26	61.98	17,059.65
Freeport Water Co.....	4,379.65	3,110.25	1,312.17	301.75	1,440.35	2,318.79			12,862.96
Frontier Water Co.....		10,856.16	535.77	1,570.80	250.00	3,494.36	1,531.14	2,191.17	20,429.40
Gardiner Water District.....	4,201.41	38,170.99	1,611.72	3,595.11	2,779.97	4,325.00			55,684.20
Greenville Water Co.....	7,788.34		2,177.25		3,115.06	3,565.00	237.11		16,883.36
Guilford Water Co.....	61.03	6,693.30	1,755.87	365.00	607.57	1,825.08	1,462.56	10.68	12,781.09
Hallowell Water District.....	3,306.23	10,808.08	1,323.30	398.20	352.53	1,722.50	1,561.99		19,472.83
Hampden Water District.....		11,156.67	1,829.06	275.25		5,168.53			18,429.31
Houlton Water Co.....	7,164.92	16,265.01	4,044.91	3,142.38	6,649.28	4,431.25	486.80	3,050.00	45,234.55
Kennebec Water District.....	44,958.22	39,311.29	18,816.97	1,880.23	39,801.46	12,306.51	2,211.59		159,286.27
Kennebunk Water District.....	40,502.51	44,774.12	22,775.91		2,288.63	18,844.17			129,185.34
Kittery Water District.....		27,193.14		1,017.96		3,212.50	37,461.49		75,819.77
Lewiston Water Commission.....		73,790.19	67,066.73			9,875.00	101.42		153,374.51
Lincoln Water Co.....	4,094.31	9,302.83	2,691.02	244.47	826.74	6,600.26		107.68	24,413.62
Lisbon Water Works.....	19,026.94				2,920.00	280.00		216.90	22,443.84
Livemore Falls Water District		18,115.94		1,800.73	843.81	2,538.00			23,298.48
Lubec Water Dept.....	8,404.86	122.00	644.28		6,986.86	429.02		130.32	16,717.34

SCHEDULE NO. 12 — Concluded
Statement of the Operating Revenues of Water Utilities, Year Ended December 31, 1948

Name of Company	Residential Sales Metered	Residential Sales Flat-rate	Commercial Sales Metered	Commercial Sales Flat-rate	Industrial Sales	Fire Protection	Other Sales	Other Water Revenues	Total Operating Revenues
Machias Water Co.....		\$9,551.92		\$2,628.80	\$419.81	\$1,740.00			\$14,340.53
Madison Water District.....		17,399.46		1,179.00	237.45	4,912.00	\$407.50		24,135.41
Mechanic Falls Water Co.....	\$5,370.71	1,870.66	\$1,001.15	110.28	2,343.08	2,284.20		\$22.70	13,002.78
Mexico Water District.....	7,372.53	4,509.08	871.06	81.00		1,365.00			14,198.67
Millinocket Water Co.....		19,473.44		1,685.00	1,200.00	2,600.00	1,200.00	1,578.00	26,577.24
Milo Water District.....	7,595.16	3,672.32	538.22	611.48	3,646.97	4,394.34	335.92		20,820.96
Newport Water Co.....	473.50	7,479.57	395.00	1,213.80	2,070.99	1,620.00			13,252.86
North Berwick Water Co.....	4,811.10	946.00	894.92		996.44	1,490.04	232.69		9,371.19
Northern Water Co.....		5,797.66		640.13		8,250.00		55.24	14,855.11
Northeast Harbor Water Co.....		11,318.50		1,592.40		1,341.58	117.50		14,369.98
Norway Water District.....	1,406.51	12,924.79	1,266.28	1,109.34	1,501.95	3,100.66	602.42		21,944.81
Oakland Water Co.....				10,467.24	3,432.64	1,830.00			15,729.88
Old Town Water District.....	3,651.65	43,520.25	4,293.27	1,989.95	5,732.64	12,900.65		*303.75	71,734.66
Penobscot County Water Co.....	43,490.59	32,293.48	11,934.00	925.34	3,047.32	19,247.68	14,507.49	262.74	125,708.64
Pittsfield Water Works.....	8,177.42	1,009.75	1,868.82	404.45	1,468.11	1,643.84			14,572.39
Portland Water District.....	252,127.74	192,175.33	160,494.70	4,381.11	93,731.45	62,261.65	19,660.41	6,448.66	791,281.05
Presque Isle Water District.....	12,878.53	10,648.51	13,138.66	404.59	1,687.38	5,889.70	9,229.90	53,922.27	53,922.27
Rangleley Water Co.....		5,497.69		2,100.98		2,237.50	416.50		10,252.67
Richmond Water Works.....		5,508.36		1,433.31		3,080.00			11,032.51
Rumford & Mexico Water District.....	22,584.74		6,488.16	2.00	5,439.18	9,158.41	38.64	289.20	44,000.33
Sanford Water District.....	66,828.06	1,995.00	14,752.17		274.50	13,550.44			88,777.92
Searsport Water District.....				16,277.00		2,600.00			18,877.00
Skowhegan Water Co.....	22,731.38		5,123.80		2,942.99	13,142.81	1,811.83	401.40	46,154.21
So. Paris Village Corp.....	22.00	7,962.09	1,350.98	1,305.98	3,760.52	1,820.00			16,221.57
Southwest Harbor Water Co.....	3,234.69	8,079.65	1,965.24	42.73	799.83	3,625.00	592.98	6.00	18,346.12
Van Buren Water District.....		16,550.15		1,637.27	256.00	2,700.00	464.31	327.00	21,934.73
Vinalhaven Water Co.....		5,441.96		694.67	777.33	2,000.00			8,914.03
Wilton Water Co.....	20.00	10,913.12	173.55	1,023.10	2,564.65	1,669.33			16,363.75
Winthrop Water District.....	1,025.65	9,588.32	602.29	1,050.13	3,317.80	3,492.32	20.00		19,096.51
Wiscasset Water Co.....	5,989.73		1,523.23		450.54	7,360.00		8.00	15,331.50
Woodland Light & Water Co.....	103.98	7,293.30		510.33		2,700.00			10,773.61
Yarmouth Water District.....	12,832.04	819.00	1,874.28		1,370.13	2,890.00			18,935.45
York Water District.....	613.60	43,485.35	4,390.59	7,746.81		6,814.01			63,050.36

SCHEDULE NO. 14

Statement of the Operating Expenses of Water Utilities, Year Ended December 31, 1948

Name of Company	Source of Supply Operation	Purification Expense Operation	Pumping Expense Operation	Transmission Expense Operation	Distribution Expense Operation	Source of Supply Maintenance	Purification Expense Maintenance
Auburn Water District.....	\$3,573.83	\$365.00	\$9,766.39		\$2,602.78		
Augusta Water District.....	2,085.40	3,669.90	11,531.03		7,506.45	\$170.00	\$221.47
Bangor Water Dept.....		38,691.21	20,662.96		19,010.10		1,967.61
Bar Harbor Water Co.....		640.38	1,146.37	\$5.00	77.35		50.85
Bath Water District.....		1,070.19	19,179.29		7,346.87	48.88	353.63
Belfast Water District.....	183.15	1,135.89	8,181.69		663.95	170.00	36.71
Biddeford & Saco Water Co.....		22,563.82	25,045.16		8,722.43		4,475.26
Boothbay Harbor Water System.....		419.50	7,630.37		1,224.74		
Brunswick & Topsham Water System.....		716.01	15,872.31		6,197.25	1,992.31	189.68
Bucksport Water Co.....	1.74	972.31	1,611.21		701.48		104.25
Calais Water & Power Co.....	10,319.30	20.18	1,075.48		2,079.20		1.50
Camden & Rockland Water Co.....	262.01	2,488.66	382.59	67.30	9,039.95	31.41	101.49
Caribou Water Works Corp.....		6,307.87	7,664.88		2,947.15		386.79
Castine Water Co.....	1,195.24	150.54	997.19		670.83		
Central Maine Power Co.....	57.09	941.60	4,632.39		445.04	2.41	132.17
Damariscotta-Newcastle Water Co.....		18.72	1,271.80		665.07		
Dover & Foxcroft Water District.....	2,589.79	878.31		11.75	3,257.75		55.62
Eastport Water Co.....	34.80	509.33	4,535.28	503.23	2,038.77	202.10	58.65
Fort Kent Water Co.....	685.24	937.07	1,440.15	549.44	938.99	76.00	428.78
Freeport Water Co.....		537.89	1,819.68		940.11		140.03
Frontier Water Co.....	138.34	453.61	5,091.18	138.37	470.46	102.46	36.89
Gardiner Water District.....		2,298.32	7,230.95		4,196.88	259.91	6,340.99
Greenville Water Co.....		393.21	335.19		510.00	17.69	51.10
Guilford Water Co.....	35.46	40.76	492.44		947.18	1.20	27.18
Hallowell Water District.....	20.00	333.13	5,365.18		1,317.36	72.03	2.65
Hampden Water District.....		707.53	2,897.35		672.44		5.60
Houlton Water Co.....		536.53	9,980.46		11,287.17	2.97	106.75
Kennebec Water District.....	1,818.32	572.53	14,159.04		8,608.56	80.87	135.71
Kennebunk Water District.....	45.25	9,574.06	15,616.49		9,705.60		1,615.81
Kittery Water District.....	3,800.81	1,521.35	7,308.98				690.58
Lewiston Water Commission.....	612.13	887.77	23,068.14		5,660.35		
Lincoln Water Co.....	482.40	513.43	1,699.97	457.02	612.13		
Lisbon Water Works.....			4,037.82			576.52	
Livermore Falls Water District.....	1,414.87	347.38	1,914.77	158.63	474.95	21.60	135.58
Lubec Water Dept.....		125.81	3,846.29		1,904.04	5.00	1.00

SCHEDULE NO. 14 — Continued
Operating Expenses — Water

PUBLIC UTILITIES COMMISSION REPORT

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Name of Company	Pumping Expense Maintenance	Transmission Expense Maintenance	Distribution Expense Maintenance	General Maintenance	Customers' Accounting	General and Miscellaneous Expense	Total Operating Expenses
Auburn Water District	\$85.07		\$7,085.15	\$2,584.31	\$2,933.23	\$9,780.84	\$38,776.60
Augusta Water District	893.10	\$104.80	5,768.47	1,887.33	614.95	18,183.27	52,636.17
Bangor Water Dept.	12,713.76		20,457.61	128.41	11,606.75	38,300.07	163,538.48
Bar Harbor Water Co.	81.94		8,289.74	660.01		12,568.93	23,520.57
Bath Water District	9,226.49		19,686.19	243.64	5,132.26	15,667.59	77,955.03
Belfast Water District	869.67		5,833.99	582.88	209.10	6,486.30	24,353.33
Biddeford & Saco Water Co.	1,234.18		15,766.39	8,235.86	20,054.37	17,594.59	123,692.06
Boothbay Harbor Water System	1,202.01		9,558.72	137.45	965.96	7,222.99	28,361.74
Brunswick & Topsham Water District	7,263.36		9,928.87	89.40	2,317.20	12,583.55	57,149.94
Bucksport Water Co.	68.83		1,035.25		915.11	1,947.66	7,357.84
Calais Water & Power Co.	386.00		4,606.57		3,343.95	11,660.77	33,492.95
Camden & Rockland Water Co.	7.04	121.55	8,042.74	1,216.80	9,772.15	12,919.93	44,453.62
Caribou Water Works Corp.	135.66		10,191.92	1,090.71	4,265.15	11,095.30	44,085.43
Castine Water Co.	136.79		439.34	129.36	86.68	2,215.68	6,021.65
Central Maine Power Co.	369.45		3,651.27		1,420.68	706.30	12,358.40
Damariscotta-Newcastle Water Co.	190.97		1,683.81		177.20	5,648.31	9,655.78
Dover & Foxcroft Water District		32.85	6,771.56		537.87	2,369.55	16,505.05
Eastport Water Co.	544.12	675.42	1,906.34	13.82	3,951.38	4,098.40	19,071.64
Fort Kent Water Co.	60.52		2,077.07		215.44	4,512.92	11,921.62
Freeport Water Co.	424.65		1,564.00		932.90	1,596.90	7,956.16
Frontier Water Co.	236.25		3,014.57		305.94	4,948.70	14,936.77
Gardiner Water District	900.09		6,274.94	470.28	722.40	8,490.55	37,185.31
Greenville Water Co.	12.52	6.17	819.26	13.50	1,747.05	2,187.18	6,092.87
Guilford Water Co.	1.40	22.32	920.48	*5.26	1,664.27	2,039.25	6,186.68
Hallowell Water District	277.44	249.78	1,662.95	285.32	104.49	2,497.39	12,187.72
Hampden Water District	664.96		309.63	47.66	1,611.06	997.44	7,913.67
Houlton Water Co.	2,166.35		4,630.21	156.81	828.72	8,107.67	37,803.64
Kennebec Water District	1,090.77	269.46	11,028.84		11,428.78	17,547.36	66,740.22
Kennebunk Water District	709.13		10,080.88	73.46	3,961.82	16,600.61	67,983.11
Kittery Water District	525.80		4,118.29	909.51		15,925.83	34,801.20
Lewiston Water Commission	584.92	10.50	25,566.01	91.81	1,843.19	19,876.64	81,801.46
Lincoln Water Co.	73.83	342.08	3,982.27		225.26	4,775.67	13,164.06
Lisbon Water Works	2,856.12		1,316.04			2,960.76	11,747.26
Livermore Falls Water District	82.20	110.57	1,821.70	87.47		7,792.83	14,362.55
Lubec Water Dept.	733.85		1,040.02	10.90	2,143.59	3,297.34	13,107.84

SCHEDULE NO. 14 — Continued

Statement of the Operating Expenses of Water Utilities, Year Ended December 31, 1948

Name of Company	Source of Supply Operation	Purification Expense Operation	Pumping Expense Operation	Transmission Expense Operation	Distribution Expense Operation	Source of Supply Maintenance	Purification Expense Maintenance
Machias Water Co.....	\$254.99	\$134.27	\$1,640.51		\$85.71		
Madison Water District.....		98.60		\$1,154.99	3,362.22		
Mechanic Falls Water Co.....	432.42	337.14	2,878.18		402.67	\$24.69	
Mexico Water District.....		259.30	1,087.46		210.99	149.59	\$48.03
Millinocket Water Co.....		378.33	3,056.58		7,971.07		175.74
Milo Water District.....		183.27	4,124.77		14.17	190.23	
Newport Water Co.....		705.61	264.42		858.94	16.15	178.98
North Berwick Water Co.....		135.44	1,512.42		456.96	33.64	
Northern Water Co.....			2,037.51		4,071.99		
Northeast Harbor Water Co.....	30.00	39.50	419.65		28.75		
Norway Water District.....	15.70	219.29	2,238.33		374.83	66.07	281.13
Oakland Water Co.....		77.40	2,914.75				
Old Town Water District.....		3,142.87	13,467.75		1,049.48		2,567.21
Penobscot County Water Co.....	166.81	1,244.98	11,457.08		4,463.67	88.51	52.13
Pittsfield Water Works.....		58.24	3,459.51	11.16	321.69	372.88	15.32
Portland Water District.....	5,448.04	14,241.03	3,013.28		26,911.20	764.41	994.11
Presque Isle Water District.....		8,454.49	10,700.85		2,204.26	16.60	65.87
Rangleley Water Co.....			402.78			54.03	1,137.22
Richmond Water Works.....		505.59	5,372.55			504.77	
Rumford & Mexico Water District.....	2,000.65	461.58	16.27	33.54	4,118.39	137.35	409.37
Sanford Water District.....	405.45	3,466.72	11,124.11		5,158.91	283.90	810.00
Searsport Water District.....	5,159.66	39.36			145.54		
Skowhegan Water Co.....	37.05	2,051.74	4,455.92		2,026.10	134.17	50.76
South Paris Village Corp.....			3,578.61		551.48		
Southwest Harbor Water Co.....		57.38	3,019.12		1,234.93		
Van Buren Water District.....		162.15	623.51		142.44	524.33	274.48
Vinalhaven Water Co.....			2,006.08				
Wilton Water Co.....			456.64				
Winthrop Water District.....		155.02	2,275.33	57.05	1,431.63		
Wisasset Water Co.....		167.59	859.33		308.89	6.50	178.99
Woodland Light & Water Co.....	3,113.70	1,565.85					345.33
Yarmouth Water District.....		70.63	1,256.39		169.74	20.00	
York Water District.....		2,566.17	13.92		5,096.94		

SCHEDULE NO. 14— Concluded
Operating Expenses — Water

Name of Company	Pumping Expense Maintenance	Transmission Expense Maintenance	Distribution Expense Maintenance	General Maintenance	Customers' Accounting	General and Miscellaneous Expense	Total Operating Expenses
Machias Water Co.			\$901.59			\$4,659.01	\$7,676.08
Madison Water District.		\$1,253.59	3,362.22			5,701.35	10,317.16
Mechanic Falls Water Co.	\$152.37		745.17	\$13.50	\$971.13	2,410.23	8,370.50
Mexico Water District.	84.13		901.24		643.63	1,425.55	4,934.72
Millinocket Water Co.			988.93			2,931.21	15,501.86
Milo Water District.			2,063.51	172.42		4,998.59	11,841.71
Newport Water Co.	56.23		852.01		680.48	1,501.24	5,114.06
North Berwick Water Co.	119.69		366.99		557.61	1,243.61	4,426.36
Northern Water Co.	92.07		81.62			685.16	6,968.35
Northeast Harbor Water Co.	12.04		734.62		363.00	4,653.03	6,280.59
Norway Water District.	312.94		955.04	269.66	2,833.40	2,715.56	10,281.95
Oakland Water Co.	250.44		734.86		2,914.75	3,260.19	10,152.39
Old Town Water District.	4,230.23		4,257.82	909.58	2,960.20	9,109.52	41,694.66
Penobscot County Water Co.	832.03		5,301.43	69.45	7,728.65	11,054.26	42,459.00
Pittsfield Water Works.	497.31		9,504.03		205.57	3,525.84	17,971.55
Portland Water District.	674.36		59,262.53	12,796.48	46,796.91	107,089.37	284,769.33
Presque Isle Water District.	19.11		3,233.09	142.20	759.18	10,673.52	36,268.48
Rangely Water Co.	53.88		1,707.08			2,176.55	5,531.54
Richmond Water Works.	443.85		3,565.62	931.67		1,159.59	12,483.64
Rumford & Mexico Water District.			5,649.28	61.17	587.42	10,438.25	23,913.27
Sanford Water District.	250.71		1,450.98	182.00	7,401.12	7,384.50	37,918.40
Searsport Water District.			1,964.23	6.46	521.38	3,138.05	10,974.68
Skowhegan Water Co.	554.56		2,667.75	33.00	3,338.19	6,521.20	21,890.44
South Paris Village Corp.	475.24		1,251.84	220.96		3,252.39	9,330.52
Southwest Harbor Water Co.	249.17	82.39	2,129.73	7.90	851.79	3,427.26	11,059.67
Van Buren Water District.	673.93		7,449.40		7.00	6,101.10	15,958.34
Vinalhaven Water Co.	1.20		2,330.69		697.57	1,504.45	6,539.99
Wilton Water Co.			3,210.55	213.37		6,541.04	10,613.74
Winthrop Water District.	39.46		1,077.23	90.19		6,122.54	11,248.45
Wiscasset Water Co.	262.61		824.00		189.50	4,157.45	6,965.08
Woodland Light & Water Co.			1,167.60			1,224.91	7,417.39
Yarmouth Water District.	35.50		3,341.16	51.75	380.79	5,197.33	10,523.29
York Water District.			2,823.58	84.45	2,565.17	7,963.55	21,113.78

PUBLIC UTILITIES COMMISSION REPORT

TABULATED STATEMENT

COMPILED FROM THE

Reports of
Electric Companies

Having a Gross Revenue of \$2,000 or more

FOR THE

Year Ended December 31, 1949

SCHEDULE NO. 1
Statement of Assets, Electric Utilities, Year Ended December 31, 1949

Name of Company	Operating Property	Other Operating Property	Total Operating Property	Current Assets	Other Assets	Deferred Debits	Re-acquired Securities	Total Assets
Bangor Hydro Electric Co.....	\$20,216,407.18		\$20,216,407.18	\$1,920,338.13	\$236,181.06	\$8,025.26		\$22,380,951.63
Carrabassett Light & Power Co.....	25,803.36		25,803.36	8,687.75				34,491.11
Casco Bay Light & Water Co.....	766,800.97		766,800.97	32,267.60	32,830.00	5,315.01		837,213.58
Central Maine Power Co.....	133,958,251.58	\$422,130.30	134,380,381.88	12,510,192.89	498,611.94	2,672,967.25		150,062,153.96
Cornish & Kezar Falls Light & Power Co.	238,409.32		238,409.32	41,716.35	45,000.00			325,125.67
Farmers Electric Co.....	39,371.41		39,371.41	4,161.85			\$1,125.00	44,658.26
Fort Fairfield Light & Power Co.....	242,442.23		242,442.23	53,181.35	6,800.00			302,423.58
Hampden-Newburg Light & Power Co..	61,871.16		61,871.16	5,666.87		621.42		68,159.45
Houlton Water Co.—Electric Dept.....	537,923.19	747,688.47	1,285,611.66	149,965.73	130,157.44	1,287.61		1,567,022.44
Kennebunk Electric Light Dept.....	282,838.03	27,102.08	309,940.00	28,600.78	30,000.00			368,540.89
Kittery Electric Light Co.....	431,505.06		431,505.06	78,094.90	27,207.87	2,234.73		539,042.56
Limestone Electric Co.....	109,869.99		109,869.99	18,767.70				128,637.69
Lubec Electric Dept.....	270,875.25		270,875.25	16,282.04	85,100.00			372,257.29
Madison Electric Dept.....	311,319.12		311,319.12	33,777.82				345,096.94
Maine Consolidated Power Co.....	1,168,527.18		1,168,527.18	199,856.46	7,500.00	14,757.76		1,390,641.40

SCHEDULE NO. 1—Continued
Statement of Liabilities, Electric Utilities, Year Ended December 31, 1949

Name of Company	Capital Stock	Non-Corporate Proprietorship	Long Term Debt	Current Liabilities	Reserves	Deferred Credits	Surplus	Total Liabilities
Bangor Hydro-Electric Co.....	\$9,246,436.00		\$8,000,000.00	\$725,480.32	\$2,912,481.87	\$191,355.06		\$22,380,951.63
Carrabassett Light & Power Co.....	10,000.00			15.00	11,244.73		\$13,231.38	34,491.11
Casco Bay Light & Water Co.....	223,000.00		300,000.00	99,707.67	94,566.24	7,856.00	112,083.67	837,213.58
Central Maine Power Co.....	56,929,675.27		63,985,000.00	4,548,464.72	20,518,290.21	29,974.60	4,050,749.16	150,062,153.96
Cornish & Kezar Falls Light & Power Co.	50,000.00			2,120.09	108,202.17		164,803.41	325,125.67
Farmers Electric Co.....	18,100.00			1,557.28	20,382.97		4,618.01	44,658.26
Fort Fairfield Light & Power Co.....	42,000.00			37,101.66	112,457.66		110,864.26	302,423.58
Hampden-Newburg Light & Power Co.....	44,035.00			3,829.04	16,636.13		3,659.08	68,159.45
Houston Water Co.—Electric Dept.....	50,000.00		110,000.00	60,670.32	595,300.21	350.00	750,701.91	1,567,022.44
Kennebunk Electric Light Dept.....				42,252.54			325,436.03	368,540.89
Kittery Electric Light Co.....	210,000.00		49,500.00	43,074.47	137,550.80	1,522.11	97,395.18	539,042.56
Limestone Electric Co.....	45,000.00			4,468.50	41,585.18		27,584.01	128,637.69
Lubec Electric Dept.....			10,000.00	7,516.83	99,142.35		255,548.11	372,257.29
Madison Electric Dept.....				16,492.18	69,539.07		259,065.69	345,096.94
Maine Consolidated Power Co.....	118,000.00		652,500.00	62,970.71	300,351.64	5,600.00	251,219.05	1,390,641.40

SCHEDULE NO. 1—Continued
Statement of Assets, Electric Utilities, Year Ended December 31, 1949

Name of Company	Operating Property	Other Operating Property	Total Operating Property	Current Assets	Other Assets	Deferred Debits	Re-acquired Securities	Total Assets
Maine Public Service Co.....	\$6,534,763.37	\$41,865.10	\$6,576,628.47	\$1,180,105.41	\$630,103.00	\$253,723.53		\$8,640,560.41
Mars Hill Electric Co.....	76,737.71		76,737.71	25,445.29	4,500.00			106,683.00
Monson Light & Power Co.....	22,455.55		22,455.05	8,160.99		2,643.93	\$300.00	33,560.47
Monticello Electric Co.....	15,504.15		15,504.15	7,362.70				22,866.85
Oquossee Light & Power Co.....	311,434.51	3,500.00	314,934.51	25,637.96				340,572.47
Phillips Electric Light & Power Co.....	32,615.91		32,615.91	15,721.20	148.00			48,485.11
Rumford Light Co.....	738,108.49		738,108.49	347,418.63				1,085,527.12
Squirrel Island Village Corp.....	28,850.23		28,850.23					28,850.23
St. Croix Electric Co.....	359,169.50		359,169.50	46,026.32		4,863.39		410,059.21
Stonington & Deer Isle Power Co.....	161,955.97		161,955.97	42,746.61	293.00			204,995.58
Stratton Light Co.....	82,877.52		82,877.52	9,189.20				92,066.72
Van Buren Light & Power District.....	144,391.31		144,391.31	40,674.18	5,000.00			190,065.49
Vinhaven Light & Power Co.....	143,559.45		143,559.45	11,486.37	37.50			156,008.32
Washburn Electric Co.....	102,616.85		102,616.85	38,413.97	10,500.00			151,530.82
Woodland Light & Power Co.....	29,302.86	105,786.29	135,089.15	78,756.98	99,655.00			313,501.13

SCHEDULE NO. 1—Concluded
Statement of Liabilities, Electric Utilities, Year Ended December 31, 1949

Name of Company	Capital Stock	Non-Corporate Proprietorship	Long Term Debt	Current Liabilities	Reserves	Deferred Credits	Surplus	Total Liabilities
Maine Public Service Co.....	\$2,400,000.00		\$4,390,657.44	\$372,101.54	\$843,407.11	\$69,127.76	\$565,266.56	\$8,640,560.41
Mars Hill Electric Co.....	50,000.00			976.84	15,671.04		40,035.12	106,683.00
Monson Light & Power Co.....	10,000.00			6,554.82	9,833.83		7,167.96	33,560.47
Monticello Electric Co.....	2,950.00				12,822.82		7,094.03	22,866.85
Oquossoc Light & Power Co.....	75,000.00		55,000.00	31,051.78	114,001.30	1,849.27	63,670.12	340,572.47
Phillips Electric Light & Power Co.....	16,700.00			2,762.24	16,490.96		12,531.91	48,485.11
Rumford Light Co.....	550,000.00			124,553.08	92,397.90		318,576.14	1,085,527.12
Squirrel Island Village Corp.....					8,857.92		19,992.31	28,850.23
St. Croix Electric Co.....	95,000.00		173,000.00	17,834.11	84,509.24	2,014.10	37,701.46	410,059.21
Stonington & Deer Isle Power Co.....	23,300.00		32,000.00	6,765.96	88,379.07			204,959.58
Stratton Light Co.....	15,000.00		12,500.00	16,695.54	38,767.49	4,550.41	4,553.28	92,066.72
Van Buren Light & Power District.....				9,576.24	65,952.29		114,536.96	190,065.49
Vinalhaven Light & Power Co.....	41,950.00		22,500.00	3,603.41	28,559.21			156,008.32
Washburn Electric Co.....	26,600.00			1,911.37	32,142.94	3,239.69	87,636.82	151,530.82
Woodland Light & Power Co.....	102,600.00			1,984.12	100,488.36		108,428.65	313,501.13

SCHEDULE NO. 2
Statement of the Income Account of Electric Utilities, Year Ended December 31, 1949

Name of Company	Operating Revenues	Operation and Maintenance	Taxes	Depreciation	Uncollectibles and Other Expenses	Net Operating Revenues (Electric)	Net Revenue other Operations	Other Income	Gross Income	Deductions from Gross Income	Net Income
Bangor Hydro-Electric Co.	\$3,798,594.65	\$1,378,251.25	\$920,343.29	\$392,000.00		\$1,108,000.00		\$40,442.97	\$1,148,443.08	\$229,466.73	\$918,976.35
Carrabassett Light & Power Co.	26,409.70	19,333.52	1,834.48	1,600.00	\$1,400.00	2,241.70		300.00	2,541.70		2,541.70
Casco Bay Light & Power Co.	116,929.62	58,181.22	14,400.08	17,539.44		26,808.88		3,173.30	29,982.18	16,550.14	13,432.04
Central Maine Power Co.	21,195,067.41	8,531,041.43	4,293,001.67	2,375,875.79	25,598.96	5,969,549.56	22,368.87	150.00	6,005,075.21	1,838,813.16	4,166,262.05
Cornish & Kezar Falls Lt. & Power Co.	63,455.44	53,865.04	4,210.96	7,363.51	239.27	*2,223.34		3,909.89	1,686.55	844.02	842.53
Farmers Electric Co.	10,940.42	7,083.06	688.31	1,168.24		2,000.81			2,000.81		2,000.81
Fort Fairfield Light & Power Co.	143,881.36	111,079.35	12,849.04	8,172.65	345.49	11,434.83		*517.36	11,085.47	993.03	10,092.44
Hampden-Newburg Light & Power Co.	25,080.00	15,893.85	1,381.10	1,782.00	3,481.33				3,481.33		3,481.33
Houlton Water Co.—Elec. Dept.	288,783.71	284,993.51		17,006.79		*13,216.59	12,461.26	16,172.65	2,956.06	4,281.95	*1,325.89
Kennebunk Electric Light Dept.	102,246.28	75,007.43	4,000.00	4,000.00		19,238.85		839.00	20,007.85	1,607.77	18,470.08
Kittery Electric Light Co.	252,352.78	200,063.44	27,677.09	15,469.86	300.00	8,842.39		11,586.04	20,428.43	1,978.42	18,450.01
Limestone Electric Co.	99,231.14	81,952.02	6,858.84	4,469.11	202.22	5,748.95			5,748.95	208.38	5,540.57
Lubec Electric Dept.	73,737.73	56,741.49	630.00	10,485.93	123.52	5,756.79		1,970.01	7,726.80	285.56	7,441.24
Madison Electric Dept.	78,573.05	56,829.39	1,377.76	5,212.80	267.59	14,885.51		5,008.43	19,893.94		19,893.94
Maine Consolidated Power Co.	406,513.29	287,393.34	35,567.44	34,594.08		48,958.43		8,991.44	57,949.87	24,053.64	33,896.23

SCHEDULE NO. 2—Concluded
Statement of the Income Account of Electric Utilities, Year Ended December 31, 1949

Name of Company	Operating Revenues	Operation and Maintenance	Taxes	Depreciation	Uncollectibles and Other Expenses	Net Operating Revenues (Electric)	Net Revenue other Operations	Other Income	Gross Income	Deductions from Gross Income	Net Income
Maine Public Service Co.....	\$1,836,936.15	\$1,112,654.40	\$248,061.70	\$143,592.98	\$58,850.80	\$273,776.27	.....	\$74,419.47	\$411,632.69	\$154,735.93	\$256,896.76
Mars Hill Electric Co.....	61,765.25	56,670.84	6,487.98	1,500.00	111.88	*3,005.45	.....	1,962.93	*1,042.52	.....	*1,042.52
Monson Light & Power Co.....	20,378.55	17,199.00	1,441.95	910.30	549.93	277.37	.....	761.97	1,039.34	115.97	923.37
Monticello Electric Co.....	22,143.05	15,879.72	894.69	661.81	.....	4,706.83	.....	151.81	4,858.64	.....	4,858.64
Oquossoc Light & Power Co.....	62,196.96	43,174.98	4,936.88	5,916.46	272.33	7,896.31	\$7,896.31	1,980.67	9,876.98	3,659.38	6,217.60
Phillips Electric Light & Power Co...	21,654.01	18,766.09	1,927.10	1,300.85	32.61	*372.64	.....	738.57	365.93	.....	365.93
Rumford Light Co.....	418,502.38	255,898.33	33,013.40	22,871.00	179.99	106,539.66	.....	21,135.58	127,675.24	37,239.15	90,436.09
Squirrel Island Village Corp.....	5,349.64	3,766.78	.....	1,128.46	.....	454.40	.....	454.40	454.40	1,200.00	*745.60
St. Croix Electric Co.....	155,523.16	97,309.86	20,282.19	14,165.15	.....	23,765.96	.....	2,848.49	26,614.45	7,513.67	19,100.78
Stonington & Deer Isle Power Co....	51,694.23	36,275.96	4,329.60	7,326.23	.....	3,762.44	.....	3,826.47	7,588.91	1,516.45	6,072.46
Stratton Light Co.....	19,292.34	13,416.82	1,174.45	3,007.56	.....	1,693.51	.....	.....	1,693.51	700.00	993.51
Van Buren Light & Power District...	91,233.88	81,161.34	.....	6,675.22	525.00	2,872.32	.....	404.30	3,276.62	.....	3,276.62
Vinalhaven Light & Power Co.....	47,578.77	30,726.98	5,261.21	5,700.00	186.11	5,704.47	.....	21.11	5,725.58	1,103.45	4,622.13
Washburn Electric Co.....	61,706.13	48,429.12	8,162.78	.....	223.58	4,890.65	.....	2,919.51	7,810.16	.15	7,810.01
Woodland Light & Power Co.....	23,444.78	16,047.89	963.50	399.36	33.76	6,000.27	.....	2,396.61	8,396.88	.....	8,396.88

*Loss

SCHEDULE NO. 3
Statement of the Operating Revenues of Electric Utilities, Year Ended December 31, 1949

Name of Company	Residential Sales	Commercial Sales	Power Sales	Public Lighting and Power Sales	Sales to Other Utilities	Other Sales	Other Electric Revenues	Total Operating Revenues
Bangor Hydro-Electric Co.....	\$1,748,147.77	\$781,164.20	\$890,810.19	\$91,831.52	\$252,742.00	\$7,155.32	\$26,743.65	\$3,798,594.65
Carrabassett Light & Power Co.....	14,775.70	2,437.10	8,238.90	963.00				26,409.70
Casco Bay Light & Water Co.....	51,516.47	7,483.92		57,929.23				116,929.62
Central Maine Power Co.....	9,051,009.96	3,633,083.76	6,552,072.37	1,082,150.28	265,166.69	6,749.39	517,834.96	21,195,067.41
Cornish & Kezar Falls Light & Power Co.	36,702.14	7,775.66	17,434.91	1,542.73				63,455.44
Farmers Electric Co.....	10,940.42							10,940.42
Fort Fairfield Light & Power Co.....	64,233.58	44,748.68	15,472.45	6,640.42		11,844.69	12.00	143,881.36
Hampden-Newburg Light & Power Co.	23,829.57		485.83	320.00		444.60		25,080.00
Houlton Water Co.—Electric Dept.....	141,621.51	81,701.99	44,743.10	11,748.96		8,568.15	100.00	288,783.71
Kennebunk Electric Light Dept.....	54,698.00	26,426.57	1,990.49	5,880.48				102,246.28
Kittery Electric Light Co.....	199,344.68	33,601.83	117.80	19,284.47			4.00	252,352.78
Limestone Electric Co.....	52,107.84	23,251.98	1,489.72	1,034.70		2,460.31	283.03	99,231.14
Lubec Electric Dept.....	31,501.46	11,067.77	29,294.19	1,802.00			72.31	73,737.73
Madison Electric Dept.....	50,280.21	15,848.07	1,787.05	836.72		9,358.00	463.00	78,573.05
Maine Consolidated Power Co.....	178,760.95	64,920.54	141,675.58	12,056.62		9,099.60		

SCHEDULE NO. 3—Concluded
Statement of the Operating Expenses of Electric Utilities, Year Ended December 31, 1949

Name of Company	Residential Sales	Commercial Sales	Power Sales	Public Lighting and Power Sales	Sales to Other Utilities	Other Sales	Other Electric Revenues	Total Operating Revenues
Maine Public Service Co.....	\$762,665.81	\$365,712.84	\$178,837.88	\$41,956.27	\$473,283.48		\$14,479.87	\$1,836,036.15
Mars Hill Electric Co.....	35,182.47	16,855.58	8,123.25	1,603.95				61,765.25
Monson Light & Power Co.....	11,802.72	1,439.58	6,445.85	690.40				20,378.55
Monticello Electric Co.....	21,843.05			300.00				22,294.86
Oquossoc Light & Power Co.....	29,360.61	22,781.71	6,916.87	3,137.77				
Phillips Electric Light & Power Co.....	15,243.12	3,665.24	1,710.41	1,035.24			738.57	22,392.58
Rumford Light Co.....	255,105.49	81,514.00	54,241.80	24,689.97		\$2,893.37	57.75	418,502.38
Squirrel Island Village Corp.....	3,958.33	491.31		900.00				5,349.64
St. Croix Electric Co.....	65,494.34	54,676.91	30,676.95	4,419.77			255.19	155,523.16
Stonington & Deer Isle Power Co.....	34,496.66	8,479.71	5,283.58	3,434.28				
Stratton Light Co.....	4,320.23	5,183.18	3,437.37	908.89			442.67	19,292.34
Van Buren Light & Power District.....	50,411.36	28,173.21	9,272.46	2,088.24				91,233.88
Vinalhaven Light & Power Co.....	30,974.57	8,989.89	4,912.27	2,702.04				
Washburn Electric Co.....	36,796.30	9,388.87	12,930.39	2,065.08				61,706.13
Woodland Light & Power Co.....	17,519.92	2,449.20		2,947.74			527.92	23,444.78

SCHEDULE NO. 4

Statement of the Operating Expenses of Electric Utilities, Year Ended December 31, 1949

Name of Company	Purchased Power	Steam Power Operation	Steam Power Maintenance	Hydraulic Power Operation	Hydraulic Power Maintenance	Internal Combustion Operation	Internal Combustion Maintenance	Transmission Operation
Bangor Hydro-Electric Co.....	\$78,726.70			\$172,460.99	\$72,812.12	\$78,697.74	\$8,821.47	\$87,519.21
Carrabassett Light & Power Co.	10,594.36							
Casco Bay Light & Water Co.....						32,960.07	4,537.13	4.30
Central Maine Power Co.....	157,693.99	\$2,950,815.39	\$163,966.52	633,557.70	178,410.00	34,714.55	51,141.98	152,097.49
Cornish & Kezar Falls Light & Power Co.	19,707.52			8,856.54	3,245.59			
Farmers Electric Co.	4,318.62							
Port Fairfield Light & Power Co.	70,703.10							
Hampden-Newburg Light & Power Co..	7,950.74							
Houlton Water Co.—Electric Dept.	198,222.35							
Kennebunk Electric Light Dept.....	38,061.08			12,218.88	533.81			
Kittery Electric Light Co.	134,589.90							201.80
Limestone Electric Co.	55,454.06							
Lubec Electric Dept.	7,677.57			5,233.65	161.52	22,673.10	2,681.10	
Madison Electric Dept.....	18,537.47			9,918.69	4,211.16			157.31
Maine Consolidated Power Co.	155,392.99	155,392.99		15.35				

SCHEDULE NO. 4—Continued
Operating Expenses—Electric

Name of Company	Transmission Maintenance	Distribution Operation	Distribution Maintenance	Customers' Accounting and Collecting Expenses	Sales Promotion Expense	Administra- tion and General Expense	Total Operation and Maintenance
Bangor Hydro-Electric Co.....	\$34,658.86	\$143,893.36	\$130,778.48	\$234,661.51	\$11,405.32	\$379,522.76	\$1,378,251.25
Carrabassett Light & Power Co.....		5,746.60				2,992.56	19,333.52
Casco Bay Light & Water Co.....	12.25	4,060.77	2,230.00	4,528.74	66.16	9,781.80	58,181.22
Central Maine Power Co.....	295,118.34	906,801.73	544,636.49	1,108,735.96	262,316.21	1,091,034.98	8,531,041.43
Cornish & Kezar Falls Light & Power Co.....		2,634.91	6,991.12		60.50	11,536.80	53,865.04
Farmers Electric Co.....			1,325.65			1,438.79	7,083.06
Fort Fairfield Light & Power Co.....		10,139.95	1,250.03	4,856.37	1,249.34	22,880.56	111,079.35
Hampden-Newburg Light & Power Co.....		1,224.82	3,733.70	1,235.47		1,749.12	15,893.85
Houlton Water Co.—Electric.....		29,455.87	8,139.33	13,459.06	2,265.09	33,451.81	284,993.51
Kennebunk Electric Light Dept.....	237.83	5,328.37	3,918.39	3,226.28	354.33	11,128.46	75,007.43
Kittery Electric Light Co.....	1.46	15,169.47	5,840.20	17,509.87	9,696.67	17,054.07	200,063.44
Limestone Electric Co.....		2,845.89	5,083.19	2,735.88	13.31	15,819.69	81,952.02
Lubec Electric Dept.....	170.43	3,564.57	2,442.96	5,059.76		7,076.83	56,741.49
Madison Electric Dept.....	1,009.51	3,743.54	6,055.12	7,628.09	20.47	5,548.03	56,829.39
Maine Consolidated Power Co.....	16,590.78	107.64	23,764.87	10,457.99	3,358.04	77,705.68	287,393.34

SCHEDULE NO. 4—Continued
Statement of the Operating Expenses of Electric Utilities, Year Ended December 31, 1949

Name of Company	Purchased Power	Steam Power Operation	Steam Power Maintenance	Hydraulic Power Operation	Hydraulic Power Maintenance	Internal Combustion Operation	Internal Combustion Maintenance	Transmission Operation
Maine Public Service Co.	\$371,756.19			\$12,255.70	\$10,022.46	\$318,485.12	\$43,486.27	\$22,659.14
Mars Hill Electric Co.	28,984.10							
Monson Light & Power Co.	7,925.83							
Monticello Electric Co.	11,003.89							
Oquosoc Light & Power Co.				6,434.22	3,011.40	11,026.25	241.68	4.40
Phillips Electric Light & Power Co.	9,009.60	\$9,009.60		4,286.72				
Rumford Light Co.								6,265.10
Squirrel Island Village Corp.	2,855.35							
St. Croix Electric Co.						54,091.36	7,849.97	
Stonington & Deer Isle Power Co.	12,885.42					749.64	15.70	136.60
Stratton Light Co.				1,519.49	3,881.64	3,454.21		
Van Buren Light & Power District.	56,108.12							
Vinalhaven Light & Power Co.						17,227.35	1,244.29	
Washburn Electric Co.	29,394.70							
Woodland Light & Power Co.	10,399.40							

SCHEDULE NO. 4—Concluded
Operating Expenses—Electric

Name of Company	Transmission Maintenance	Distribution Operation	Distribution Maintenance	Customers' Accounting and Collecting Expenses	Sales Promotion Expense	Administra- tion and General Expense	Total Operation and Maintenance
Maine Public Service Co.....	\$11,359.06	\$52,385.96	\$50,288.79	\$56,098.52	\$12,503.11	\$151,354.08	\$1,112,654.40
Mars Hill Electric Co.....		8,389.19	3,323.86	1,546.00	38.50	14,389.19	56,670.84
Monson Light & Power Co.....		1,462.68	2,528.45	540.00		4,742.04	17,199.00
Monticello Electric Co.....		3,536.95				1,338.88	15,879.72
Oquossoc Light & Power Co.....	1,302.03	78.85	6,136.07	1,516.37	115.75	13,307.96	43,174.98
Phillips Electric Light & Power Co.....	1,206.60	175.65	788.03			3,209.49	18,766.09
Rumford Light Co.....	508.94	25,368.20	10,088.79	39,267.65	7,904.03	64,251.26	255,898.33
Squirrel Island Village Corp.....	244.14	40.50	551.09			75.70	3,766.78
St. Croix Electric Co.....		3,482.41	13,120.76	10,674.16	919.06	7,172.14	97,309.86
Stonington & Deer Isle Power Co.....	1,702.41	1,308.03	3,445.15	900.03	282.99	14,849.99	36,275.96
Stratton Light Co.....	175.05		293.23			5,612.79	13,416.92
Van Buren Light & Power District.....		1,075.50	5,640.60	741.77	74.50	17,520.85	81,161.34
Vinalhaven Light & Power Co.....		133.71	2,178.37	3,360.05	22.25	6,560.96	30,726.98
Washburn Electric Co.....		3,614.41	1,985.12	1,194.70	177.22	12,062.97	48,429.12
Woodland Light & Power Co.....			2,043.27			3,605.22	16,047.89

TABULATED STATEMENTS

COMPILED FROM THE

Reports of
Steam Railroad Companies

FOR THE

Year Ended December 31, 1949

SCHEDULE NO. 6

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 track and sidings	Total line operated
Bangor & Aroostook Railroad Co.....	596.32	29.81	239.95	866.08
Belfast & Moosehead Lakes R.R. Co.....	33.07	.06	4.85	37.98
Boston & Maine Railroad Co.....	59.83	39.89	15.27	114.99
Canadian National Railway.....	89.52	.99	56.58	147.09
Canadian Pacific Railway Co.....	177.04	.....	56.71	233.75
Maine Central Railroad Co.....	820.63	56.92	260.83	1,138.38
Portland Terminal Co.....	28.00	12.65	84.62	125.27
Sanford & Eastern R.R. Corp.....	42.57	.....	3.59	46.16
Totals.....	1,846.98	140.32	722.40	2,709.40

SCHEDULE NO. 7

Traffic and Mileage Statistics

Railroads	Number of Passengers Carried	Number of Passengers Carried One Mile	Tons of Freight Carried	Tons of Freight Carried One Mile
Bangor & Aroostook R.R. Co.....	123,122	11,842,926	3,027,362	389,878,000
Belfast & Moosehead Lakes R.R. Co.....	7,580	133,867	122,478	3,377,000
Canadian National Railway.....	43,059	4,351,715	896,681	99,133,000
Canadian Pacific Railway Co.....	101,500	18,493,570	2,282,747	391,853,000
Maine Central Railroad Co.....	671,597	59,344,612	7,332,531	917,477,000
Sanford & Eastern R.R. Corp.....	.....	.....	55,537	963,000
Totals.....	936,858	94,166,690	13,717,326	1,802,681,000

SCHEDULE NO. 8

Mileage of Steam Railroads and Increase from 1836 to Dec. 31, 1949
(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 1949 is as follows:

	Miles	Increase		Miles	Increase
1836	12.00		1896	1,720.41	93.66
1842	19.88	7.88	1897	1,722.92	2.51
1843	72.39	52.51	1898	1,748.95	26.03
1847	75.39	3.00	1899	1,871.85	122.90
1848	132.16	56.77	1900	1,905.00	33.15
1849	211.49	79.33	1901	1,918.98	13.98
1850	232.59	21.10	1902	1,933.35	14.37
1851	280.61	48.02	1903	2,004.81	71.46
1852	319.74	39.13	1904	2,018.60	13.79
1853	330.74	11.00	1905	2,022.63	4.03
1854	333.74	3.00	1906	2,093.49	70.86
1855	352.84	19.10	1907	2,144.77	51.28
1856	370.75	17.91	1908	2,173.91	29.14
1857	390.82	20.07	1909	2,174.95	1.04
1859	411.29	20.47	1910	2,259.60	84.65
1861	441.99	30.70	1911	2,288.36	28.76
1867	444.49	2.50	1912	2,284.38	*3.98
1868	516.45	71.96	1913	2,301.03	16.65
1869	601.65	85.20	1914	2,300.37	*.66
1870	650.20	48.55	1915	2,301.05	.68
1871	772.63	122.43	#1916	2,289.61	*11.44
1873	814.63	42.00	#1916	2,289.04	*.57
1874	846.43	31.80	1917	2,299.27	10.23
1875	865.71	19.28	1918	2,286.81	*12.46
1876	881.33	15.62	1919	2,312.68	25.82
1879	911.23	29.90	1920	2,313.87	1.19
1880	1,023.32	112.09	1921	2,315.15	1.28
1881	1,036.15	12.83	1922	2,290.01	*25.14
1882	1,051.64	15.49	1923	2,290.67	.66
1883	1,063.27	11.63	1924	2,379.39	88.72
1884	1,132.27	69.00	1925	2,371.87	*7.52
1885	1,132.27		1926	2,354.18	*17.69
1886	1,141.43	9.16	1927	2,327.64	*26.34
1887	1,164.52	23.09	1928	2,330.98	3.14
1888	1,164.07	*.45	1929	2,320.38	*10.60
1889	1,322.45	158.38	1930	2,316.62	*3.76
1890	1,360.26	37.81	1931	2,319.81	3.29
1891	1,382.92	22.66	1932	2,311.53	*8.28
1892	1,385.00	2.08	1933	2,164.58	*146.95
1893	1,399.14	14.14	1934	2,120.71	*43.87
1894	1,515.99	116.85	1935	2,078.00	*40.71
1895	1,626.75	110.76	1936	2,039.91	*38.09
			1937	1,949.21	*90.70
			1938	1,932.08	*17.13
			1939	1,914.94	*17.14
			1940	1,914.80	*.14
			1941	1,912.33	*2.47
			1942	1,894.85	*17.48
			1943	1,882.90	*11.95
			1944	1,854.86	*28.04
			1945	1,854.90	.04
			1946	1,854.93	.03
			1947	1,854.65	*.28
			1948	1,846.93	*7.72
			1949	1,846.98	.05

*Decrease

†June 30, 1916

#Dec. 31, 1916



TABULATED STATEMENT

COMPILED FROM THE

Reports of
Water Companies

Having a Gross Revenue of \$10,000 or more

FOR THE

Year Ended December 31, 1949

SCHEDULE NO. 10
Statement of Assets, Water Utilities, Year Ended December 31, 1949

Name of Company	Operating Property	Other Operating Property	Total Operating Property	Current Assets	Other Assets	Deferred Debits	Reacquired Securities	Total Assets
Auburn Water District	\$1,235,409.04		\$1,235,409.04	\$30,540.75	\$102,215.35			\$1,368,165.14
Augusta Water District	2,050,935.77	\$4,380.46	2,055,316.23	61,733.24		\$415.22		2,117,464.69
Banor Water Dept.	2,601,394.79	3,856.35	2,605,251.14	214,240.84	34,833.73	50,329.82		2,904,655.53
Bar Harbor Water Co.	498,481.83		498,481.83	16,971.12	21,000.00			536,452.95
Bath Water District	1,192,657.60		1,192,657.60	76,296.44	54,175.80			1,325,129.84
Belfast Water District	270,791.67		270,791.67	7,637.52				278,429.19
Biddeford & Saco Water Co.	3,061,727.69		3,061,727.69	105,971.82	4,492.92	31,546.89		3,203,739.32
Boothbay Harbor Water System	366,584.06		366,584.06	39,946.40				406,530.46
Brunswick & Topsham Water District	692,594.69		692,594.69	36,021.67	5,403.11	674.18		734,693.65
Bucksport Water Co.	164,652.16		164,652.16	34,420.00		2,832.39		201,904.55
Calais Water & Power Co.	290,904.96		290,904.96	19,033.41				309,938.37
Camden & Rockland Water Co.	1,896,746.69		1,896,746.69	61,032.31	63,540.00	26,398.02		2,047,717.02
Caribou Water Works Corp.	316,746.77		316,746.77	77,652.22		8,464.50		402,863.49
Castine Water Co.	121,581.88		121,581.88	273.17		1,475.00		123,330.45
Central Maine Power Co.								
Damariscotta-Newcastle Water Co.	168,818.82		168,818.82	20,990.40	780.00	3,769.30		194,358.52
Dover & Foxcroft Water District	344,857.45	47,513.73	392,371.18	32,518.70	44,432.11	427.93		469,749.92
Eastport Water Co.	302,385.37		302,385.37	17,750.86		3,759.27		323,895.00
Fort Kent Water Co.	92,429.51		92,429.51	4,727.33	600.00			97,756.84
Freeport Water Co.								
Frontier Water Co.	143,800.00		143,800.00	10,862.28	1,350.00			156,012.68
Gardiner Water District	578,548.19		578,548.19	46,085.75	208,058.06	1,656.59		834,348.59
Greenville Water Co.	143,710.13		143,710.13	14,004.20		9.42		157,723.75
Guilford Water Co.	91,339.81	5,264.25	96,604.06	6,812.42	1,010.00	537.61		103,964.09
Hallowell Water District	199,567.78		199,567.78	8,207.30	44,303.15	695.37		252,773.60
Hampden Water District	253,838.66	115.92	253,954.58	5,828.01		32,519.18		292,301.77
Houlton Water Co.	551,087.91	734,523.75	1,285,611.66	149,965.73	130,157.44	1,287.61		1,567,022.44
Kennebec Water District	1,924,048.92		1,924,048.92	32,036.01	840,300.00	310.72		2,796,695.65
Kennebunk Water District	1,578,806.81		1,578,806.81	44,121.13	638,843.27	27,370.95		2,289,142.16
Kittery Water District	1,434,588.03		1,434,588.03	78,896.23	937.50	1,002.85		1,515,424.61
Lewiston Water Commission	1,717,209.62		1,717,209.62	167,215.72				1,884,425.34
Lincoln Water Co.	211,575.85		211,575.85	7,708.40		4,948.57		224,232.82
Lisbon Water Works	237,555.16		237,555.16	14,486.86	30,543.80			282,585.83
Livermore Falls Water District	237,648.73	8,559.42	246,208.15	11,305.46				257,513.61
Lubec Water Dept.	243,118.53		243,118.53	10,309.32				253,427.85

SCHEDULE NO. 10—Continued
Statement of Liabilities, Water Utilities, Year Ended December 31, 1949

Name of Company	Capital Stock	Non-corporate Proprietorship	Long Term Debt	Current Liabilities	Reserves	Deferred Credits	Surplus	Total Liabilities
Auburn Water District.....			\$216,700.00	\$50,029.00	\$776,269.79		\$1,368,165.14	
Augusta Water District.....			456,500.00	55,298.96	1,230,167.99	\$1,588.71	373,909.03	\$2,117,464.69
Bangor Water Dept.....			36,000.00	336.20	1,447,949.58		1,420,078.52	2,904,655.53
Bar Harbor Water Co.....	\$139,050.00		125,000.00	17,277.67	128,411.57		126,713.71	536,452.95
Bath Water District.....			315,000.00	1,418.40	756,035.27	2,490.40	248,185.77	1,323,129.84
Belfast Water District.....			137,000.00	5,185.30	97,113.54		39,922.80	279,221.64
Biddeford & Saco Water Co.....	911,097.00		1,559,000.00	232,476.95	379,079.50	3,990.82	118,095.05	3,203,739.32
Boothbay Harbor Water System.....				37,000.00	93,208.00		276,322.46	406,530.46
Brunswick & Topsham Water District.....	135,000.00		135,000.00	51,637.71	492,152.73	547.20	55,356.01	734,693.65
Bucksport Water Co.....	76,650.00		55,000.00	4,840.52	30,190.67		35,223.36	201,904.55
Calais Water & Power Co.....	200,000.00			3,231.45	73,021.04		33,685.88	309,938.37
Camden & Rockland Water Co.....	601,400.00		935,000.00	18,045.31	216,041.28		277,230.43	2,047,717.02
Caribou Water Works Corp.....	170,000.00		150,000.00	12,282.75	35,393.90		27,664.59	402,863.49
Castine Water Co.....	50,000.00		47,000.00	3,282.30	8,986.70		14,061.05	123,330.05
Central Maine Power Co.....								
Damariscotta-Newcastle Water Co.....	50,000.00		78,000.00	118.85	25,029.72		41,209.95	194,358.52
Dover & Foxcroft Water District.....			60,000.00	3,453.57	326,483.56		79,812.79	469,749.92
Eastport Water Co.....	60,000.00		180,000.00	9,290.03	26,094.50		48,510.97	323,895.50
Fort Kent Water Co.....	20,000.00		60,000.00	6,786.72	14,157.96		*3,187.84	97,756.84
Freeport Water Co.....								
Frontier Water Co.....	49,600.00		50,000.00	6,027.59	35,899.93		13,976.02	156,012.68
Gardiner Water District.....			320,500.00	4,623.75	212,432.55		296,792.29	834,348.59
Greenville Water Co.....	112,750.00			3,643.47	32,652.02		157,723.75	
Guilford Water Co.....	32,500.00		30,000.00	3,418.07	26,561.94		11,484.08	103,964.09
Hallowell Water District.....			78,000.00	589.57	119,295.99		54,747.56	252,773.60
Hampden Water District.....			170,000.00	1,182.10	116,255.85		3,228.44	292,301.77
Houlton Water Co.....	50,000.00		110,000.00	60,670.32	595,300.21	350.00	750,701.91	1,567,022.44
Kennebec Water District.....			1,122,000.00	19,071.31	1,258,988.55		396,635.79	2,796,695.65
Kennebunk Water District.....			1,670,000.00	34,589.36	325,656.96	36.98	258,858.86	2,289,142.16
Kittery Water District.....			120,000.00	158,546.29	516,052.71		720,825.61	1,515,424.61
Lewiston Water Commission.....			497,000.00	1,366.50	652,252.61		733,806.23	1,884,425.34
Lincoln Water Co.....	50,000.00		100,000.00	51,055.71	14,228.69		8,948.42	224,232.82
Lisbon Water Works.....			52,000.00		25,838.21		204,747.62	282,585.83
Livermore Falls Water District.....					158,665.35		98,848.26	257,513.61
Lubec Water Dept.....			105,100.00	4,542.62	48,363.58		95,421.65	253,427.85

PUBLIC UTILITIES COMMISSION REPORT

SCHEDULE NO. 10—Continued
Statement of Assets, Water Utilities, Year Ended December 31, 1949

Name of Company	Operating Property	Other Operating Property	Total Operating Property	Current Assets	Other Assets	Deferred Debits	Reacquired Securities	Total Assets
Machias Water Co.	\$115,262.01		\$115,262.01	\$6,246.64	\$5,000.00	\$952.40		\$127,461.05
Madison Water District ..	346,493.16		346,493.16	48,706.12				395,199.28
Mechanic Falls Water Co. .	90,147.93		90,147.93	6,497.80		259.27		96,905.00
Mexico Water District ..	142,482.28		142,482.28	4,370.85				146,853.13
Millinocket Water Co.	237,398.40	\$6,467.58	243,865.98	9,807.48				253,673.46
Milo Water District	223,380.52	49,947.80	273,328.32	4,685.16	8,228.55	8,905.42		295,147.45
Newport Water Co.	156,805.32		156,805.32	2,045.58		1,843.21		160,694.11
North Berwick Water Co. .	56,154.94		56,154.94	6,047.72		180.68		62,383.34
Northern Water Co.	144,916.55	7,500.00	152,416.55	10,599.33				163,015.88
Northeast Harbor Water Co.	151,396.21		151,396.21	12,346.09	10,000.00			173,742.30
Norway Water District ..	167,643.56		167,643.56	13,505.93				181,149.49
Oakland Water Co.	113,966.56		113,966.56	8,752.85	10,000.00			132,719.41
Old Town Water District ..	652,663.48		652,663.48	19,097.58	1,000.00	5,692.23		678,453.29
Penobscot County Water Co.	907,971.23		907,971.23	48,498.40	300.00	30,873.95		957,643.58
Pittsfield Water Works ..	176,854.27		176,854.27	5,625.33		57.60		182,537.20
Portland Water District ..	13,279,136.51	43,071.65	13,322,208.16	448,929.78	2,839,943.52	6,991.54		16,618,073.00
Presque Isle Water District	430,692.12		430,692.12	20,435.36	24,741.95			475,869.43
Rangley Water Co.	105,174.77		105,174.77	2,535.91				107,710.68
Richmond Water Works ..	61,744.60		61,744.60	11,580.93				73,970.53
Rumford & Mexico Water District	621,215.50		621,215.50	14,247.34	63,334.08			698,796.92
Sanford Water District ..	826,943.43		826,943.43	37,643.15	168,138.66	7,519.98		1,040,245.22
Searsport Water District ..	144,790.86		144,790.86	5,526.93				150,317.79
Skowhegan Water Co.	387,663.30		387,663.30	67,910.70		2,911.07		458,485.07
So. Paris Village Corp.	149,947.79		149,947.79	18,275.14				168,222.93
Southwest Harbor Water Co.	144,146.71		144,146.71	20,219.24		932.46		165,298.41
Van Buren Water District ..	191,073.53		191,073.53	6,693.37				197,766.90
Vinalhaven Water Co.	97,704.05		97,704.05	7,066.50			\$43.50	104,814.05
Wilton Water Co.	182,166.26	1,396.17	183,562.43	5,970.76	22,307.52	3,628.62		215,469.33
Winthrop Water District ..	152,563.65	1,500.00	154,063.65	10,973.37	15,000.00			180,037.02
Wisasset Water Co.	102,394.97		102,394.97	3,851.60	1,020.00	731.50		107,998.07
Woodland Light & Water Co.	105,786.29	29,302.86	135,089.15	78,756.98	99,655.00			313,501.13
Yarmouth Water District ..	248,531.02		248,531.02	12,747.89	14,973.99	1,985.57		278,238.47
York Water District	625,063.51	3,000.00	628,063.51	56,922.26	535,473.55	691.38		1,221,150.70

SCHEDULE NO. 10—Concluded
Statement of Liabilities, Water Utilities, Year Ended December 31, 1949

Name of Company	Capital Stock	Non-corporate Proprietorship	Long Term Debt	Current Liabilities	Reserves	Deferred Credits	Surplus	Total Liabilities
Machias Water Co.....	\$50,000.00		\$23,000.00	\$2,400.00	\$48,189.24		\$3,871.81	\$127,461.05
Madison Water District.....			150,000.00		31,618.79		213,580.00	395,199.28
Mechanic Falls Water Co.....	28,000.00		33,000.00	3,440.29	28,089.85		4,374.86	96,905.00
Mexico Water District.....			17,000.00	4,152.89	88,029.70			146,436.71
Millinocket Water Co.....	60,000.00			9,920.35	118,089.13		65,663.98	253,673.46
Milo Water District.....			190,000.00	8,870.79	87,234.42			295,147.45
Newport Water Co.....	20,000.00		70,000.00	3,487.68	10,836.84	\$2,131.44	54,238.15	160,694.11
North Berwick Water Co.....	45,000.00			1,752.09	20,910.87			62,383.34
Northern Water Co.....	80,000.00			1,117.67	73,051.35		8,846.86	163,015.88
Northeast Harbor Water Co.....	46,000.00			96.76	80,604.98		47,040.56	173,742.30
Norway Water District.....			120,000.00	804.05	34,999.71		25,345.73	181,149.49
Oakland Water Co.....	50,000.00		30,000.00	550.00	27,805.38		24,364.03	132,719.41
Old Town Water District.....			298,000.00	4,909.97	132,372.63		243,170.69	678,453.29
Penobscot County Water Co.....	403,000.00		316,000.00	25,113.03	126,574.52	22,005.72	94,950.28	987,643.58
Pittsfield Water Works.....			6,000.00	10,000.00	80,686.86		85,850.34	182,537.20
Portland Water District.....			8,439,000.00	284,939.12	7,790,735.43	7,137.81	96,260.64	16,618,073.00
Presque Isle Water District.....			293,000.00	65,127.01	89,323.82		28,418.60	475,869.43
Rangeley Water Co.....	38,000.00		38,000.00	4,176.02	63,590.75		1,943.91	107,710.68
Richmond Water Works.....	42,000.00			563.65	24,980.70			73,970.53
Rumford & Mexico Water District.....			135,500.00	2,788.02	427,909.88	1,078.98	131,520.04	698,796.92
Sanford Water District.....			540,000.00	772.59	295,057.71		204,414.92	1,040,245.22
Searsport Water District.....			135,000.00	2,830.50	6,407.18	1,698.67	4,381.44	150,317.79
Skowhegan Water Co.....	91,200.00		116,000.00	171,057.68	36,441.28		43,594.86	458,485.07
So. Paris Village Corp.....				1,364.10	35,214.00		131,644.83	168,222.93
Southwest Harbor Water Co.....	40,000.00		40,000.00	86,914.08	14,556.31		23,828.02	165,298.41
Van Buren Water District.....	82,500.00		82,500.00	56,479.94	56,479.94		45,899.01	197,766.90
Vinalhaven Water Co.....	39,600.00		39,600.00		15,257.28		14,399.27	109,256.55
Wilton Water Co.....	53,000.00			3,162.81	98,416.78			215,469.33
Winthrop Water District.....			85,000.00	6,319.51	40,210.02		42,507.49	180,037.02
Wiscasset Water Co.....	36,965.00		40,000.00	1,288.07	22,410.73		7,339.27	107,998.07
Woodland Light & Water Co.....	102,600.00			1,984.12	100,488.36		108,428.65	313,501.13
Yarmouth Water District.....			31,000.00	16,997.34	81,148.04		149,093.09	278,238.47
York Water District.....			740,000.00	10,120.36	420,088.08		50,942.26	1,221,150.70

PUBLIC UTILITIES COMMISSION REPORT

SCHEDULE NO. 11
Statement of the Income Account of Water Utilities, Year Ended December 31, 1949

Name of Company	Operating Revenues	Operation and Maintenance	Taxes	Depreciation	Uncollectibles and Other Expenses	Net Operating Revenues	Net Revenue other Operations	Other Income	Gross Income	Deductions from Gross Income	Net Income
Auburn Water District	\$80,948.84	\$43,553.15		\$22,417.19	\$911.13	\$14,067.37		\$6,920.90	\$20,988.27	\$13,028.38	\$7,959.89
Augusta Water District	132,379.86	67,315.67	\$837.69	36,182.20		38,044.30		*942.28	37,012.02	40,816.90	*3,714.88
Bangor Water Dept.	212,615.79	162,259.27	1,064.54	28,718.50		20,573.48		5,212.37	25,785.85	9,639.93	16,145.92
Bar Harbor Water Co.	52,767.27	21,223.97	4,155.45	5,582.00		21,805.85		500.00	22,280.85	5,016.52	17,264.33
Bath Water District	122,606.65	68,037.86	283.32	21,125.45		33,160.02		640.25	33,800.27	14,202.88	19,597.39
Belfast Water District	36,159.89	25,812.51	108.00	1,353.96	115.85	8,769.57		818.75	9,588.32	3,394.69	6,193.63
Biddeford & Saco Water Co.	321,103.73	114,754.74	53,827.44	28,533.29		123,988.26		4,572.85	128,561.11	58,906.84	69,654.27
Boothbay Harbor Water System	34,181.53	25,405.27		10,247.18		*1,470.92		*748.99	*2,219.91	293.92	*2,513.83
Brunswick & Topsham Water District	69,288.66	40,955.34		11,840.48		16,246.87		4,415.98	20,662.85	18,814.44	1,848.41
Bucksport Water Co.	17,548.11	6,444.40	1,265.00	3,200.00	236.20	6,874.91		.34	6,875.25	2,440.46	4,434.79
Calais Water & Power Co.	63,993.16	39,372.83	9,899.24	4,200.00	*.30	10,521.39		530.95	11,052.34	210.59	10,841.75
Camden & Rockland Water Co.	171,461.42	50,255.88	44,210.67	14,334.37		62,660.50		3,644.98	66,305.48	35,927.92	30,377.56
Caribou Water Works Corp.	72,026.99	44,905.35	10,984.54	2,576.02	200.00	13,361.08		855.97	14,217.05	5,660.78	8,556.27
Castine Water Co.	12,357.36	7,135.33	1,852.36	500.00		2,869.67				2,160.52	709.15
Central Maine Power Co.											
Damariscotta-Newcastle Water Co.	23,141.20	10,100.78	3,807.95	1,800.00	200.00	7,232.47		888.29	8,120.76	3,789.20	4,331.56
Dover & Foxcroft Water District	21,425.60	12,092.37	129.43	5,329.50	60.00	3,814.30		1,239.96	5,054.26	1,740.09	3,314.17
Eastport Water Co.	32,300.77	21,795.98	479.19			10,025.00		341.32	10,366.92	7,399.73	2,967.19
Fort Kent Water Co.	17,809.23	8,962.87	3,002.47	1,300.00		4,543.89		45.00	4,588.89	2,485.00	2,103.89
Freeport Water Co.											
Frontier Water Co.	20,981.99	15,209.74	3,183.79	2,000.00		588.46		260.00	848.46	3,876.28	*3,027.82
Gardiner Water District	56,018.51	30,409.82		5,427.36	11.67	20,169.66		6,329.67	26,499.33	17,353.10	9,146.23
Greenville Water Co.	17,341.22	7,115.58	2,621.98	1,422.34		6,181.32		1.65	6,182.97	6,182.97	
Guilford Water Co.	14,563.85	5,554.61	1,562.45	1,574.23		5,872.56			5,872.56	1,335.41	4,537.15
Hallowell Water District	20,270.55	11,700.02		3,116.65		5,387.88			906.94	6,053.40	241.33
Hampden Water District	20,703.78	10,064.80		1,268.55		9,370.42		410.78	9,781.20	10,254.46	473.26
Houlton Water Co.	51,311.44	36,394.82	5.00	6,602.02		8,328.80		16,172.65	2,956.06	4,281.95	*1,325.89
Kennebec Water District	157,407.48	64,873.10	2,941.58	23,523.20		66,069.60		7,745.05	73,814.65	50,464.93	23,349.72
Kennebunk Water District	137,113.16	62,771.07		22,766.18		51,575.91		14,758.05	66,333.96	51,373.89	14,960.07
Kittery Water District	81,580.57	50,856.41	250.23	25,236.30		5,237.63		238.36	5,475.99	2,383.24	3,092.75
Lewiston Water Commission	153,533.86	57,188.08		16,408.93		78,012.12		3,553.18	81,565.30	9,155.00	72,410.30
Lincoln Water Co.	26,906.60	17,598.90	3,684.95	2,900.00		2,722.75				4,303.70	*1,580.95
Lisbon Water Works	19,512.26	11,207.86		3,583.82		4,720.58		575.05	5,295.63	1,910.00	3,385.63
Livermore Falls Water Dist.	24,457.43	13,690.57		7,032.71		3,734.15		209.93	3,944.08	6,218.50	2,274.42
Lubec Water Dept.	21,410.10	12,678.11		3,230.33		5,382.49		4.00	5,386.49	2,144.63	3,241.86

*Loss

SCHEDULE NO 11—Concluded
Statement of the Income Account of Water Utilities, Year Ended December 31, 1949

Name of Company	Operating Revenues	Operation and Maintenance	Taxes	Depreciation	Uncollectibles and Other Expenses	Net Operating Revenues	Net Revenue other Operations	Other Income	Gross Income	Deductions from Gross Income	Net Income
Machias Water Co.	\$15,170.10	\$7,489.23	\$2,820.74	\$2,153.75		\$2,693.38		\$862.99	\$3,556.37	\$1,952.34	\$1,604.03
Madison Water District.	24,908.08	9,845.23		2,539.08		12,517.77		1,177.21	13,694.98	3,750.00	9,944.98
Mechanic Falls Water Co.	12,540.11	8,833.36	184.73	911.13		2,610.89		3.85	2,614.74	1,078.80	935.94
Mexico Water District.	13,957.55	4,486.00		1,595.15	\$122.72	7,753.08		1,246.46	8,999.54	6,164.87	2,834.67
Millinocket Water Co.	29,889.30	14,499.58	2,329.07	5,319.59		7,540.46		54.37	7,594.83	8.04	7,586.79
Milo Water District.	20,544.34	11,590.57		4,221.26	10.30	4,308.01		605.80	4,908.81	3,210.84	1,097.97
Newport Water Co.	13,854.87	5,158.13	1,075.13	1,555.02		6,066.54		19.22	6,085.76	2,186.72	3,899.04
North Berwick Water Co.	9,776.77	5,618.60	705.54			3,452.63		3,452.63	3,453.73	96.97	3,356.76
Northern Water Co.	15,549.19	7,078.39	1,392.25	3,491.12		3,587.43		40.22	3,627.65		3,627.65
Northeast Harbor Water Co.	14,463.51	6,465.50	2,274.93	2,702.71		3,020.37		112.50	3,132.87		3,132.87
Norway Water District.	23,487.71	11,135.17		3,165.46		37.00		685.60	9,385.68	6,412.27	3,423.41
Oakland Water Co.	16,953.97	8,713.83	857.81	1,500.00		5,823.33		721.20	6,603.53	1,650.00	4,953.53
Old Town Water District.	79,954.48	33,469.75		11,671.40	10.61	34,802.72		1,350.04	36,152.76	11,650.07	24,502.69
Penobscot County Water Co.	115,436.35	42,872.99	32,524.54	8,343.41		31,695.41		307.40	32,002.81	11,740.70	20,262.11
Pittsfield Water Works.	15,304.96	10,752.92		1,200.00							1,471.52
Portland Water District.	793,993.90	325,468.38	13,971.05	175,142.00	6,000.00	273,412.47		8,934.35	282,146.82	279,286.18	2,860.64
Presque Isle Water District.	55,757.31	34,400.68		5,003.25		16,353.38		991.02	17,344.40	9,903.16	7,441.24
Rangleley Water Co.	9,737.38	4,884.72	1,279.91	1,281.56		2,291.19		149.86	2,441.05	110.76	2,330.29
Richmond Water Works.	14,564.50	10,359.15		856.37	172.83	3,176.15					3,176.15
Rumford & Mexico Water District.	44,122.74	21,490.08		7,063.78		15,568.88		2,292.21	17,861.09	10,926.63	6,934.46
Sanford Water District.	102,469.13	42,699.81		11,913.31	92.99	47,763.02		3,337.31	51,100.33	32,926.62	18,173.71
Searsport Water District.	17,875.11	9,862.13		1,335.65	80.51	6,635.07		2.12	6,637.19	4,173.58	2,463.61
Skowhegan Water Co.	46,789.04	24,378.54	10,819.65	676.63		10,923.22		339.51	11,262.73	5,143.06	6,119.67
South Paris Village Corp.	17,745.18	9,648.32		2,944.52		5,152.34		38.41	5,190.75		5,190.75
Southwest Harbor Water Co.	19,517.11	9,216.89	2,645.00	2,103.48		5,551.74		40.02	5,591.76	2,528.76	3,063.00
Van Buren Water District.	23,618.85	12,936.20		2,900.84		7,761.21				3,562.01	4,199.20
Vinalhaven Water Co.	8,829.63	5,499.20	506.09	732.00		1,871.60		222.40	2,094.00		494.00
Wilton Water Co.	17,045.82	10,656.25	987.28	3,517.35		1,864.04		2,764.82	4,628.86		4,628.86
Winthrop Water District.	20,052.07	12,064.96	53.00	2,288.46		5,638.52		1,213.77	6,852.29	2,840.04	4,012.25
Wiscasset Water Co.	15,908.50	8,545.18	800.00		180.00	2,589.72		82.94	2,672.66	1,854.18	818.48
Woodland Light & Water Co.	10,905.13	10,157.97	1,505.00	1,122.52		*1,800.36			*1,880.36		*1,880.36
Yarmouth Water District.	20,316.94	9,309.49	173.40	4,268.90	326.82	325.00		54.50	6,878.82	2,480.19	4,398.63
York Water District.	74,067.36	25,905.67		9,593.34	49.90	38,513.45		1,762.52	40,275.97	37,707.18	2,568.79

*Loss

PUBLIC UTILITIES COMMISSION REPORT

SCHEDULE NO. 12
Statement of the Operating Revenues of Water Utilities, Year Ended December 31, 1949

Name of Company	Residential Sales Metered	Residential Sales Flat-rate	Commercial Sales Metered	Commercial Sales Flat-rate	Industrial Sales	Fire Protection	Other Sales	Other Water Revenues	Total Operating Revenues
Auburn Water District.....	\$796.86	\$62,782.90	\$7,201.69	\$3,330.12	\$2,952.60	\$3,000.00		\$662.00	\$80,948.84
Augusta Water District.....	18,073.21	54,408.07	13,515.91	1,060.06	16,847.07	9,766.85	\$18,631.89		132,379.86
Bangor Water Dept.....	4,819.21	131,607.42	28,332.86	15,322.54	15,343.49	16,683.58	150.00	356.69	212,615.79
Bar Harbor Water Co.....		36,302.13	524.40	7,966.54	298.80	5,745.00	1,930.40		52,787.27
Bath Water District.....	34,391.26	36,338.93	8,283.33	4,027.57	24,716.93	14,798.63	50.00		122,606.65
Belfast Water District.....	2,331.95	19,082.38	6,233.39	2,735.11	879.43	4,706.43	191.20	316.00	36,475.89
Biddeford & Saco Water Co.....	108,299.05	86,999.94	43,576.35	8,617.90	21,978.99	51,403.50	180.00	48.00	321,103.73
Boothbay Harbor Water System.....		25,914.65	1,856.68	1,133.76	1,396.44	3,880.00			34,181.53
Brunswick & Topsham Water District.....	42,668.87		14,292.33		5,419.61	6,899.18		8.67	69,288.66
Bucksport Water Co.....	10,310.84	1,316.68	2,707.48	346.07	517.80	2,000.00	339.63	9.61	17,548.11
Calais Water & Power Co.....	12,677.22	21,929.72	6,977.35	1,161.32	3,650.97	15,158.34	1,402.24	1,036.00	63,993.16
Camden & Rockland Water Co.....	65,518.35	28,110.25	24,777.44	1,822.10	25,503.07	27,145.61		95.08	171,461.42
Caribou Water Works Corp.....	36,067.34	11.64	13,322.20	40.26	10,756.40	9,218.19	2,156.15	454.81	72,026.99
Castine Water Co.....	5,878.15	1,483.02	1,703.69			3,292.50			12,357.36
Central Maine Power Co.....	1,431.21	6,767.69	786.90	1,085.54	1,401.46	3,229.96	516.03		15,218.79
Damariscotta-Newcastle Water Co.....	12,555.32		3,556.55		1,871.57	5,157.76			23,141.20
Dover & Foxcroft Water District.....		17,423.55		1,645.35	730.25	940.42	442.03	244.00	21,425.60
Eastport Water Co.....	17,776.67		2,605.41		6,144.01	4,255.08	1,489.30	30.30	32,300.77
Fort Kent Water Co.....		10,964.86		1,535.17	250.00	4,606.80	440.50	11.90	17,809.23
Freeport Water Co.....		12,565.41	516.39	1,942.26	250.00	4,209.88	1,220.76	277.29	20,981.99
Frontier Water Co.....		39,688.97	2,032.29	3,622.82	1,117.45	1,284.45			56,018.51
Gardiner Water District.....	3,989.98		2,258.56		3,538.72	3,573.18	158.69	2.00	17,341.22
Greenville Water Co.....	7,810.07		1,843.62	362.00	863.10	1,825.08	1,482.56	1,284.35	14,563.85
Guilford Water Co.....	104.70	6,818.44	1,834.46	354.20	329.93	1,741.75	1,539.02		20,204.55
Hallowell Water District.....	4,100.64	10,304.55	2,141.05	349.67		5,302.50			20,703.78
Hampden Water District.....		12,910.56	4,354.58	3,460.66	3,942.27	11,668.41	515.10		51,331.44
Houlton Water Co.....	7,538.39	16,802.03	20,359.45	1,311.67	33,292.45	12,701.99	2,628.28	8.00	157,407.48
Kennebec Water District.....	48,482.30	38,623.34	47,217.38	8,498.18	16,558.06	19,361.87			137,113.16
Kennebunk Water District.....	43,086.52		27,691.10	1,088.58		3,200.00	49,600.89	49.50	81,630.07
Kittery Water District.....		75,691.11	67,801.21			9,925.00			153,533.86
Lewiston Water Commission.....		10,353.02	3,207.56	377.57	378.36	7,967.55	587.96	191.20	26,906.60
Lincoln Water Co.....	4,143.38				2,904.00	280.00		198.21	19,512.26
Lisbon Water Works.....	16,130.05				1,003.72	2,628.00			24,457.43
Livermore Falls Water District.....		18,101.73		2,723.98					24,457.43
Lubec Water Dept.....	10,570.46	108.00	1,162.11		9,047.34	449.88		72.31	21,410.10

SCHEDULE NO. 12 — Concluded
Statement of the Operating Revenues of Water Utilities, Year Ended December 31, 1949

Name of Company	Residential Sales Metered	Residential Sales Flat-rate	Commercial Sales Metered	Commercial Sales Flat-rate	Industrial Sales	Fire Protection	Other Sales	Other Water Revenues	Total Operating Revenues
Machias Water Co.....		\$9,930.68		\$2,629.05	\$391.27	\$2,206.10			\$15,157.10
Madison Water District.....		18,206.55		1,129.00	197.03	4,912.00	\$407.50		24,902.08
Mechanic Falls Water Co.....	\$5,904.49	1,680.41	\$1,013.60	98.24	1,525.09	2,305.00		\$13.28	12,540.11
Mexico Water District.....	6,960.77	4,663.83	807.95	85.00		1,440.00			13,957.55
Millinocket Water Co.....		22,239.31		1,771.63	1,200.00	3,475.01	35.00	968.35	29,689.30
Milo Water District.....	7,847.97	3,897.10	496.40	581.25	2,897.62	4,443.13	340.14		20,544.34
Newport Water Co.....	548.70	7,595.72	394.30	1,388.80	2,307.35	1,620.00			13,854.87
North Berwick Water Co.....	5,170.00	962.50	744.78		949.74	1,490.04	459.71		9,776.77
Northern Water Co.....		6,441.20		675.37	119.06	8,250.00			15,549.19
Northeast Harbor Water Co.....		11,477.25		1,628.50		1,240.26	117.50		14,463.51
Norway Water District.....	1,511.39	13,985.53	1,359.79	1,202.55	1,560.12	3,263.03	575.30		23,487.71
Oakland Water Co.....				10,838.99	4,284.98	1,680.00			16,953.97
Old Town Water District.....	4,273.43	50,271.25	4,692.10	1,829.60	5,087.70	14,142.32			79,954.48
Penobscot County Water Co.....	41,213.57	27,429.30	10,384.46	817.38	2,619.63	18,721.56	13,888.03	362.42	115,436.35
Pittsfield Water Works.....	8,439.65	1,206.49	1,960.68	435.78	1,618.52	1,643.84			15,304.96
Portland Water District.....	254,751.84	199,236.23	160,481.58	4,145.06	84,300.94	62,676.37	21,373.11	7,028.77	793,993.90
Presque Isle Water District.....	21,614.68	3,013.75	12,826.68	136.83	1,437.94	9,666.87	7,013.56	47.00	55,757.31
Rangeley Water Co.....		5,375.46		1,771.67		2,225.00			9,737.38
Richmond Water Works.....		8,217.04	965.02	725.40		4,550.00			14,564.50
Rumford & Mexico Water District.....	23,092.85		6,635.06	2.00	5,090.32	9,149.69	48.82	104.00	44,122.74
Sanford Water District.....	68,823.17	1,461.00	16,424.08		1,810.40	13,950.48			100,009.13
Searsport Water District.....	8,490.91				4,271.64	4,005.00	34.00		17,875.11
Skowhegan Water Co.....	23,642.47		4,963.91	2,807.08	2,807.08	13,144.27	1,881.09	104.82	46,543.64
South Paris Village Corp.....	22.00	9,860.34	861.06	1,394.76	3,407.34	344.68			15,866.16
Southwest Harbor Water Co.....	3,811.48	8,207.04	2,579.73	56.11	616.43	3,700.00	545.32	1.00	19,517.11
Van Buren Water District.....		18,151.87		1,810.06	313.71	2,763.40	479.81	100.00	23,618.85
Vinalhaven Water Co.....		5,697.78		759.63	372.22	2,000.00			8,469.63
Wilton Water Co.....	37.06	11,415.55	212.72	987.64	2,654.83	1,737.96			17,045.76
Winthrop Water District.....	1,102.97	10,233.51	597.35	1,186.52	3,391.40	3,520.32	20.00		20,052.07
Wiscasset Water Co.....	6,154.86		1,575.67		256.97	7,905.00		16.00	15,908.50
Woodland Light & Water Co.....	93.98	7,441.15		509.00		2,700.00			10,905.13
Yarmouth Water District.....	12,847.49	827.00	1,924.69		1,737.76	2,980.00			19,317.94
York Water District.....	542.80	45,381.81	4,849.50	8,482.25		6,869.33	7,941.67		74,067.36

PUBLIC UTILITIES COMMISSION REPORT

SCHEDULE NO. 14

Statement of the Operating Expenses of Water Utilities, Year Ended December 31, 1949

Name of Company	Source of Supply Operation	Purification Expense Operation	Pumping Expense Operation	Transmission Expense Operation	Distribution Expense Operation	Source of Supply Maintenance	Purification Expense Maintenance
Auburn Water District.....	\$5,302.28	\$423.05	\$11,785.91		\$2,491.61		
Augusta Water District.....	1,356.10	5,146.79	11,341.44		8,244.77	\$134.10	\$780.13
Bangor Water Dept.....		41,012.09	23,438.84		18,963.13	11.25	2,872.06
Bar Harbor Water Co.....		1,157.34	1,676.53	\$172.38	1,417.81		133.13
Bath Water District.....		837.68	16,250.87		8,103.77	557.97	
Belfast Water District.....	248.14	1,064.52	7,329.94		1,033.47	2,049.82	831.98
Biddeford & Saco Water Co.....		23,299.45	25,087.26		8,985.40		2,475.94
Boothbay Harbor Water System.....		450.10	7,194.13		1,686.89		
Brunswick & Topsham Water District.....		335.44	14,644.31		4,387.06		11.93
Bucksport Water Co.....		893.97	1,624.89		669.81		177.09
Calais Water & Power Co.....	11,284.03	19.00	814.17		2,964.72	15.20	
Camden & Rockland Water Co.....	384.33	2,522.88	840.94	253.06	9,470.95	56.48	195.50
Caribou Water Works Corp.....		7,802.82	7,627.97		5,249.93		520.99
Castine Water Co.....	1,347.74	200.24	1,187.99		866.76	111.17	
Central Maine Power Co.....		1,150.82	5,087.65		495.17	7.25	70.89
Damariscotta-Newcastle Water Co.....		28.34	991.40		797.25		
Dover & Foxcroft Water District.....	322.17	668.86		411.25	3,871.87	24.00	399.24
Eastport Water Co.....	36.84	565.04	4,804.27		2,663.44	145.39	37.19
Fort Kent Water Co.....	564.61	733.05	916.43	548.11	664.35	141.78	267.81
Freepport Water Co.....							
Frontier Water Co.....	1,208.79	775.08	3,195.72	491.78	713.28	237.92	161.84
Gardiner Water District.....		2,223.65	5,893.14		4,154.82	233.35	383.91
Greenville Water Co.....	22.37	418.47	558.85		1,059.93		33.86
Guilford Water Co.....	72.34	54.37	256.54		1,225.03	2.26	
Hallowell Water District.....	20.00	539.66	5,018.08	12.50	1,652.18	76.86	
Hampden Water District.....		1,060.89	3,504.41		400.53		
Houlton Water Co.....		472.23	11,484.76		9,528.39	11.36	195.96
Kennebec Water District.....	2,373.77	546.68	10,921.90		8,740.07	588.81	48.13
Kennebunk Water District.....	1,262.38	10,207.15	14,424.45		10,365.47		211.32
Kittery Water District.....	11,095.97	1,605.11	8,310.35			3.20	709.21
Lewiston Water Commission.....	713.39	785.96	23,040.83		6,216.78		
Lincoln Water Co.....	550.71	596.57	1,922.05	432.71	435.71	36.00	8.60
Lisbon Water Works.....			4,540.38			418.27	
Livermore Falls Water District.....	895.21	320.40	1,818.81	188.02	413.94	5.00	305.41
Lubec Water Dept.....	38.50	295.55	3,650.38		1,909.20	64.49	23.34

SCHEDULE NO. 14 — Continued
Operating Expenses — Water

Name of Company	Pumping Expense Maintenance	Transmission Expense Maintenance	Distribution Expense Maintenance	General Maintenance	Customers' Accounting	General and Miscellaneous Expense	Total Operating Expenses
Auburn Water District.....			\$6,423.40	\$2,559.96	\$3,250.87	\$11,316.07	\$43,553.15
Augusta Water District.....	\$709.96	\$233.91	7,590.51	1,641.41	586.38	19,550.17	57,315.67
Bangor Water Dept.....	12,013.63		17,099.66	135.71	11,812.15	34,900.75	162,259.27
Bar Harbor Water Co.....	430.90	217.23	3,713.63	709.31	2,125.85	9,469.86	21,223.97
Bath Water District.....	2,304.64		15,635.40	2,834.12	4,921.90	16,591.51	68,037.86
Belfast Water District.....	2,416.03		2,460.34	869.25	109.60	7,514.77	25,927.86
Biddeford & Saco Water Co.....	260.29		13,979.82	2,397.84	19,625.07	18,643.67	114,754.74
Boothbay Harbor Water System.....	584.66		6,589.31	270.23	276.04	8,353.91	25,405.27
Brunswick & Topsham Water District.....	3,605.17		4,118.45	28.52	1,352.78	12,096.95	40,955.34
Bucksport Water Co.....	21.50		625.20		1,035.63	1,396.31	6,444.40
Calais Water & Power Co.....	595.21		8,084.49		3,600.63	11,995.38	39,372.83
Camden & Rockland Water Co.....	111.98	5,111.31	7,360.54	1,293.29	10,370.17	12,284.45	50,255.88
Caribou Water Works Corp.....	36.19		5,495.42	476.72	5,450.61	12,244.70	44,905.35
Castine Water Co.....	309.86		528.35	40.00	93.24	2,449.98	7,135.23
Central Maine Power Co.....	590.71		2,073.12		1,473.06	626.87	11,575.54
Damariscotta-Newcastle Water Co.....	411.34		1,458.31	198.40	6,215.74	10,100.78	10,100.78
Dover & Foxcroft Water District.....			1,748.92	788.75	599.36	3,257.95	12,092.37
Eastport Water Co.....	1,060.71	634.60	2,519.24	218.40	3,717.35	5,393.51	21,795.98
Fort Kent Water Co.....	37.40		850.39		263.03	3,975.91	8,962.87
Freeport Water Co.....							
Frontier Water Co.....	381.72		1,840.66		257.68	5,945.27	15,209.74
Gardiner Water District.....	897.99		5,950.72	336.69	680.85	9,654.70	30,409.82
Greenville Water Co.....	14.25	18.55	644.82	33.58	2,096.39	2,214.51	7,115.58
Guilford Water Co.....	30.17		197.97	15.76	1,865.92	1,834.25	5,554.61
Hallowell Water District.....	94.84		1,365.21	175.33	100.00	2,645.36	11,700.02
Hampden Water District.....			166.64	17.55	1,747.65	3,167.13	10,064.80
Houlton Water Co.....	289.15		6,646.59		1,375.29	6,390.89	36,394.62
Kennebec Water District.....	2,196.47		276.92		11,582.53	17,256.79	64,873.10
Kennebunk Water District.....	223.81		4,557.27		4,307.98	17,132.81	62,771.07
Kittery Water District.....	1,077.78		9,823.34			17,185.30	50,856.41
Lewiston Water Commission.....	1,327.95	124.43	17,130.28		1,123.00	6,725.46	57,188.08
Lincoln Water Co.....	54.64	795.59	8,496.76		261.26	4,008.30	17,598.90
Lisbon Water Works.....	1,499.97		1,392.21			3,357.03	11,207.86
Livermore Falls Water District.....	281.18		1,647.18			7,627.03	13,690.57
Lubec Water Dept.....	320.76		1,531.95	13.56	1,807.16	3,023.22	12,678.11

SCHEDULE NO. 14 — Continued
Statement of the Operating Expenses of Water Utilities, Year Ended December 31, 1949

Name of Company	Source of Supply Operation	Purification Expense Operation	Pumping Expense Operation	Transmission Expense Operation	Distribution Expense Operation	Source of Supply Maintenance	Purification Expense Maintenance
Machias Water Co.....	\$563.66	\$186.95	\$1,552.47		\$89.58		
Madison Water District.....				\$880.45	2,574.78		
Mechanic Falls Water Co.....	487.58	310.03	2,839.70		676.88	\$5.69	\$7.42
Mexico Water District.....	282.80	268.50	1,055.29		142.00	37.95	28.64
Millinocket Water Co.....		404.80	2,907.94		7,960.93		173.17
Milo Water District.....		170.48	3,898.94		1.00	455.58	
Newport Water Co.....		785.41	289.40		1,084.54	152.30	247.54
North Berwick Water Co.....		85.64	1,631.91		491.84	55.44	426.70
Northern Water Co.....		19.92	1,941.87		4,029.77		
Northeast Harbor Water Co.....	63.58	61.25	455.17		85.53		
Norway Water District.....	23.65	186.09	2,622.38	164.00	340.88	49.95	287.35
Oakland Water Co.....		52.46	2,485.00				.85
Old Town Water District.....		5,186.51	9,668.87		1,290.84		1,263.88
Penobscot County Water Co.....	230.20	1,402.67	10,519.55		5,287.36	94.81	23.17
Pittsfield Water Works.....		101.42	3,789.14	36.10	405.06	14.88	47.41
Portland Water District.....	3,732.19	15,794.74	3,304.44	1,879.25	29,236.21	1,098.70	2,542.47
Presque Isle Water District.....		7,257.99	8,164.62		2,705.49	8.00	329.96
Rangley Water Co.....		552.76	958.38			655.21	
Richmond Water Works.....		531.01	4,269.53		4.00	102.26	
Rumford & Mexico Water District.....	560.00	522.38	89.13	31.93	3,717.33	6.40	118.19
Sanford Water District.....	277.83	3,706.85	13,187.52		5,886.30	344.55	457.46
Searsport Water District.....	3,605.42	19.58			95.79		
Skowhegan Water Co.....	110.94	1,907.01	4,582.15		2,241.39	600.29	91.26
South Paris Village Corp.....			3,788.15		202.23		
Southwest Harbor Water Co.....		30.78	2,610.70		1,305.69		
Van Buren Water District.....		272.80	474.09		78.36	212.71	140.54
Vinalhaven Water Co.....			2,055.51				
Wilton Water Co.....			269.64		86.95		
Winthrop Water District.....		327.50	2,036.18		2,035.66		
Wiscasset Water Co.....		189.69	1,031.49		164.72	344.04	25.69
Woodland Light & Water Co.....	3,090.00	1,977.38					1,898.88
Yarmouth Water District.....		33.25	1,607.43		121.73	24.00	
York Water District.....		1,819.82	18.84		5,894.08	61.54	

SCHEDULE NO. 14 — Concluded
Operating Expenses — Water

Name of Company	Pumping Expense Maintenance	Transmission Expense Maintenance	Distribution Expense Maintenance	General Maintenance	Customers' Accounting	General and Miscellaneous Expense	Total Operating Expenses
Machias Water Co.	\$2,392.66		\$380.92			\$4,715.65	\$7,489.23
Madison Water District ..		\$880.45	2,574.78			6,390.00	9,845.23
Mechanic Falls Water Co. .	110.17	101.01	412.41	\$18.02	\$963.52	2,900.93	8,833.36
Mexico Water District ..	52.16		465.39		628.89	1,524.98	4,486.60
Millinocket Water Co.	17.33		151.42			2,884.04	14,499.58
Milo Water District			2,187.98	134.06	104.84	4,637.69	11,590.57
Newport Water Co.	265.28		378.52		519.75	1,435.44	5,158.18
North Berwick Water Co. .	438.67		444.28		536.52	1,507.60	5,618.60
Northern Water Co.	291.01		173.15			622.67	7,078.39
Northeast Harbor Water Co.	31.31		570.83		375.00	4,822.83	6,465.50
Norway Water District	601.70		1,182.62	204.11	2,875.69	2,596.75	11,135.17
Oakland Water Co.	84.86		144.17		2,485.00	3,461.49	8,719.83
Old Town Water District ..	3,649.09	160.29	3,333.88	205.92	3,412.66	5,297.81	33,469.75
Penobscot County Water Co.	707.45	70.21	4,810.24	370.14	8,357.71	10,999.48	42,872.99
Pittsfield Water Works. .	291.08		2,034.34		197.07	3,836.42	10,752.92
Portland Water District ..	1,592.14	9,006.71	62,923.60	10,585.84	45,034.40	138,737.69	325,468.38
Presque Isle Water District.	2.15		2,984.77	1,023.42	904.25	11,020.03	34,400.68
Rangeley Water Co.	6.00		1,019.85			1,692.52	4,884.72
Richmond Water Works. .	10.00		2,531.26	806.12		2,104.97	10,359.15
Rumford & Mexico Water District.		2,302.67	2,804.28	36.50	539.31	10,761.96	21,490.08
Sanford Water District	455.98		1,574.95	781.79	7,463.93	8,562.65	42,699.81
Searsport Water District ..			2,429.22	72.60	128.39	3,511.13	9,862.13
Skowhegan Water Co.	758.28		3,660.89	17.50	3,774.76	6,634.07	24,378.54
South Paris Village Corp. .	623.26		1,566.35			3,468.33	9,648.32
Southwest Harbor Water Co.	202.10		1,180.31	27.01	966.89	2,893.41	9,216.89
Van Buren Water District ..	435.45		5,149.59	379.72	35.62	5,757.32	12,936.20
Vinalhaven Water Co.	305.18		1,150.01		594.34	1,394.16	5,499.20
Wilton Water Co.	21.25	111.64	2,396.63	255.11	1,560.00	5,955.03	10,656.25
Winthrop Water District ..	461.14		310.39	87.50		6,691.79	12,064.96
Wiscasset Water Co.	403.42		1,807.11		255.00	4,124.02	8,545.18
Woodland Light & Water Co. .			1,856.34			1,334.77	10,157.97
Yarmouth Water District ..	94.08		1,828.92		341.48	5,258.60	9,309.49
York Water District			6,855.22	26.30	2,612.23	8,617.64	25,905.67

PUBLIC UTILITIES COMMISSION REPORT

DOMESTIC WATER SUPPLY RATING SCHEDULE

The following tabulation, as already explained in previous reports, is computed from numerical monthly ratings based on bacterial and chemical analyses as reported by the laboratory. It also, through a system of merits and demerits, reflects the promptness with which samples are submitted.

**Water Utility Ratings for 12 Month Period
Ending June 30**

UTILITY	LOCATION	1949	1950
Alfred Water Co.....	Alfred.....	1.12	1.00
Allen Water Co.....	Columbia Falls.....	1.06	1.24
Andover Water Co.....	Andover.....	1.45	1.09
Anson Water Dist.....	North Anson.....	1.00	1.05
Ashland Water Dist.....	Ashland.....	—	1.06
Auburn Water Dist.....	Auburn.....	1.00	1.00
Augusta Water Dist.....	Augusta.....	1.07	1.05
Bangor Water Dept.....	Bangor.....	1.00	1.00
Bar Harbor Water Co.....	Bar Harbor.....	1.00	1.00
Bath Water Dist.....	Bath.....	1.12	1.09
Belfast Water Dist.....	Belfast.....	1.05	1.03
Belgrade Power Co.....	Belgrade Lakes.....	1.36	1.00
Berwick Water Dept.....	Berwick.....	1.22	1.11
Bethel Water Co.....	Bethel.....	1.08	1.04
Biddeford & Saco Water Co.....	Biddeford.....	1.00	1.00
Bigney, F. R.....	Greenville.....	1.00	1.00
Bingham Water Dist.....	Bingham.....	1.24	1.01
Blethen Spring Water Co.....	Dover-Foxcroft.....	1.00	1.34
Boothbay Harbor Water Sys.....	Boothbay Harbor.....	1.00	1.00
Brewer Water Dist.....	Brewer.....	—	1.00
Brooks Water Co.....	Brooks.....	1.00	1.08
Brownville Water Dist.....	Brownville.....	1.09	1.54
Brownville Jct. Water Dist.....	Brownville Jct.....	1.10	1.00
Brunswick & Topsham Water Dist.....	Brunswick.....	1.11	1.00
Buckfield Water Dept.....	Buckfield.....	1.05	1.03
Bucksport Water Co.....	Bucksport.....	1.00	1.00
*Burris, Franklin.....	West Bethel.....	1.31	1.05
Calais Water & Power Co.....	Calais.....	1.00	1.00
Camden & Rockland Water Co.....	Rockland.....	1.00	1.04
Caribou Water Works Corp.....	Caribou.....	1.04	1.00
Castine Water Co.....	Castine.....	1.32	1.38
Central Maine Power Co.....	Bridgton.....	1.02	1.00
Central Maine Power Co.....	Limerick.....	1.24	1.20
Clinton Water Dist.....	Clinton.....	1.05	1.00
Coburn Aqueduct Co.....	Skowhegan.....	2.82	2.07
Cold Spring Water Co.....	Lamoine.....	1.12	1.00
Cornish Water Co.....	Cornish.....	1.12	1.05
Crandon, M. E.....	Columbia Falls.....	1.26	1.08
Cumberland Center Water Co.....	Cumberland Ctr.....	1.20	1.50
Damariscotta-Newcastle Water Co.....	Damariscotta.....	1.19	1.00
Danforth Water Dist.....	Danforth.....	1.19	1.30
Dexter Water Works.....	Dexter.....	1.04	1.00
Dixfield Light & Water Co.....	Dixfield.....	1.24	1.08
Dover-Foxcroft Water Dist.....	Dover-Foxcroft.....	1.07	1.14
Eastport Water Co.....	Eastport.....	1.00	1.00
East Vassalboro Water Sys.....	East Vassalboro.....	1.09	1.00
Farmington Water Dept.....	Farmington.....	1.02	1.01
Farmington Falls Water Co.....	Farmington Falls.....	1.05	1.50
**Fort Fairfield Utilities Dist.....	Fort Fairfield.....	1.00	1.25
Fort Kent Water Co.....	Fort Kent.....	1.00	1.47
Freeport Water Co.....	Freeport.....	1.01	1.05
Friendship Water Co.....	Friendship.....	2.82	2.48

*Formerly Adelaide McLaughlin

**Formerly Frontier Water Co.

UTILITY	LOCATION	1949	1950
Fryeburg Water Co.	Fryeburg	1.13	1.10
Gardiner Water Dist.	Gardiner	1.00	1.04
Gray Water Dist.	Gray	2.65	2.00
Greenville Water Co.	Greenville	1.10	1.21
Grindstone Neck Water Co.	Winter Harbor	1.00	1.00
Guilford Water Co.	Guilford	1.00	1.12
Hallowell Water Dist.	Hallowell	1.24	1.22
Hampden Water Dist.	Hampden	1.03	1.00
Hancock Water, Light & Power Co.	Hancock Point	1.00	1.00
Harrison Water Co.	Harrison	1.00	1.15
Hartland Water Co.	Hartland	1.00	1.03
Hebron Water Co.	Hebron	1.00	1.00
Houlton Water Co.	Houlton	1.04	1.00
Howland Water Dept.	Howland	1.01	1.00
Island Falls Water Co.	Island Falls	1.02	1.05
Jackman Water, Light & Power Co.	Jackman	1.00	1.06
Kennebec Water Dist.	Waterville	1.09	1.00
Kennebunk, Kennebunkport & Wells Water Dist.	Kennebunk	1.00	1.00
Kezar Falls Water Co.	Kezar Falls	1.01	1.02
Kingfield Water Co.	Kingfield	1.08	1.09
Kittery Water Dist.	Kittery	1.00	1.00
Lamoine Beach Water Co.	Lamoine Beach	1.05	1.17
Lewiston Water Dept.	Lewiston	1.00	1.00
Limestone Water & Sewer Co.	Limestone	1.00	1.04
Lincoln Water Co.	Lincoln	1.01	1.02
Lisbon Water Works	Lisbon Falls	1.08	1.47
Livermore Falls Water Dist.	Livermore Falls	1.00	1.00
Long Pond Water Co.	Sorrento	1.00	1.00
Lubec Water Dept.	Lubec	1.25	1.25
Lucerne Water Co.	Lucerne-in-Maine	1.40	1.25
Machias Water Co.	Machias	1.00	1.00
Madawaska Water Dept.	Madawaska	1.05	1.02
Madison Water Dist.	Madison	1.00	1.05
Mars Hill & Blaine Water Co.	Mars Hill	1.07	1.01
Mechanic Falls Water Co.	Mechanic Falls	1.00	1.00
Meserve, J. Y.	Jefferson	1.20	1.00
Mexico Water Dist.	Mexico	1.00	1.00
Milbridge Water Co.	Milbridge	1.00	1.06
Millinocket Water Co.	Millinocket	1.15	1.05
Milo Water Co.	Milo	1.16	1.00
Monhegan Water Co.	Monhegan	1.04	1.31
Monson Spring Water Co.	Monson	1.00	1.00
Morrill Water Co.	Morrill	1.00	1.20
Moscow Water Works	Moscow	1.00	1.43
New Harbor Water Co.	New Harbor	1.00	1.00
Newport Water Co.	Newport	1.00	1.00
New Sharon Water Co.	New Sharon	1.81	2.76
North Berwick Water Co.	North Berwick	1.02	1.01
North Bridgton Water Co.	North Bridgton	1.20	1.24
Northeast Harbor Water Co.	Northeast Harbor	1.04	1.03
Northern Water Co.	East Millinocket	1.00	1.00
North Haven Water Sys.	North Haven	1.04	1.00
North Jay Water Dist.	North Jay	1.00	1.09
Northport Mount. Spring Water Co.	Northport	1.12	1.19
North Village Water Co.	No. New Portland	1.22	1.05
Norway Water Dist.	Norway	1.34	1.12

UTILITY	LOCATION	1949	1950
Oakland Water Co.	Oakland	1.00	1.00
Old Town Water Dist.	Old Town	1.09	1.00
Paris Hill Water Co.	Paris	1.00	1.28
Patten Water Dist.	Patten	1.50	1.50
Penobscot County Water Co.	Ellsworth	1.04	1.12
Penobscot County Water Co.	Orono	1.00	1.00
Phillips Water Co.	Phillips	1.35	1.17
Pine Tree Aqueduct Co.	South Paris	1.16	1.00
Pittsfield Water Works	Pittsfield	1.02	1.00
Portland Water Dist.	Portland	1.00	1.00
Presque Isle Water Dist.	Presque Isle	1.00	1.05
*Nicholas J. Puiia Water Works	Rumford	1.69	1.86
Quantabacook Water Co.	Harrington	1.00	1.00
Rangeley Water Co.	Rangeley	1.00	1.29
Richmond Water Works	Richmond	1.21	1.15
Roberge, Joseph	South Berwick	1.06	1.55
Rumford Water Dist.	Rumford	1.02	1.02
Sabbathday Lake Water Works	Sabbathday Lake	1.00	1.00
Sanford Water Dist.	Sanford	1.04	1.01
Seal Cove Water Co.	Southwest Harbor	1.00	1.00
Seal Harbor Water Co.	Seal Harbor	1.08	1.22
Searsmont Water Co.	Searsmont	1.04	1.04
Searsport Water Dist.	Searsport	1.00	1.00
Skowhegan Water Co.	Skowhegan	1.00	1.00
Small Point Water Co.	Small Point	1.06	1.04
Smith, L. W., Co.	Canton	1.12	1.13
South Berwick Water Corp.	South Berwick	1.00	1.00
South Freeport Water Dist.	South Freeport	1.62	1.08
South Paris Water Dept.	South Paris	1.00	1.00
Southport Water Sys.	Southport	1.00	1.50
Southwest Harbor Water Co.	Southwest Harbor	1.03	1.05
Steep Falls Water Co.	Steep Falls	1.17	1.00
St. George Water Co.	Port Clyde	1.28	1.04
Stockton Springs Water Co.	Stockton Springs	1.00	1.00
Stonington Water Co.	Stonington	1.00	1.00
Stratton Water Works	Stratton	1.06	1.48
Strong Water Dist.	Strong	1.17	1.10
Sullivan Harbor Water Co.	West Sullivan	1.00	1.00
Union Water Co.	Union	1.06	1.06
Van Buren Water Dist.	Van Buren	1.01	1.02
Vinalhaven Water Co.	Vinalhaven	1.00	1.08
Waldoboro Water Co.	Waldoboro	1.08	1.56
Warren Water Supply Co.	Warren	1.00	1.26
Washburn Water Co.	Washburn	2.50	1.11
Weeks Mills Water Sys.	Weeks Mills	1.73	1.83
West Side Aqueduct Co.	Cherryfield	1.00	1.00
West Skowhegan Aqueduct Co.	Skowhegan	3.00	2.50
Wilton Water Co.	Wilton	1.08	1.19
Winterport Water Co.	Winterport	1.00	1.00
Winthrop Water Dist.	Winthrop	1.03	1.00
Wiscasset Water Co.	Wiscasset	1.06	1.10
Woodland Light & Water Co.	Woodland	1.00	1.00
Yarmouth Water Dist.	Yarmouth	1.00	1.00
York Water Dist.	York	1.02	1.00
AVERAGES—	By Companies	1.14	1.14
	By Services	1.04	1.03

*Formerly Smith & Greene Water Co.

Bus Lines
Operating within the
State of Maine

FOR THE

Year Ended December 31, 1949

BUS LINES	MAIL ADDRESS	FROM	ROUTE SERVED TO
Allagash-Fort Kent Bus Line	L. E. Pelletier Route 4, Box 145 Fort Kent, Maine	Allagash	Fort Kent
Bangor & Aroostook R.R. Co.	J. Fred Smith Passenger Traffic Manager 84 Harlow Street Bangor, Maine	Van Buren Bangor West Enfield Macwahoc Mattawamkeag Old Town Houlton Mars Hill Presque Isle Presque Isle Fort Fairfield Dyer Brook Caribou Urban Stonington	Fort Kent Houlton Lincoln Houlton Millinocket Millinocket Van Buren Caribou Fort Fairfield Easton Corner Limestone Smyrna Mills Limestone Village Presque Isle Bangor
Arthur C. Barter d/b/a	Barter's Bus Service Deer Isle, Maine		
Alfred P. Beaulieu	Madawaska, Maine	Madawaska	Guerette
Roscoe Bennett d/b/a	Norway & Paris Bus Line Norway, Maine	Norway	South Paris
Biddeford & Saco R.R. Co.	J. B. Stride, President Biddeford, Maine	Cities of Biddeford and Saco	Also to Old Orchard Beach
Boston & Maine Trans. Co.	J. S. Conlin, Manager Motor Coach Service 150 Causeway Street Boston, Massachusetts	Me.-N. H. State Line at Kittery Also through service to and from Boston	Portland
Clinton L. Brackett	Boothbay Harbor & Wiscasset Bus Line Boothbay Harbor, Maine	Boothbay Harbor	Wiscasset

BUS LINES	MAIL ADDRESS	ROUTE SERVED	
		FROM	TO
Clarence Breau Brunswick Transportation Co.	Dixfield, Maine Albert A. Ouelette, President Elm & Middle Streets Brunswick, Maine	Rumford Brunswick Brunswick Topsham & Brunswick Brunswick Brunswick Brunswick Brunswick Brunswick	West Peru Harpswell Bailey's Island Naval Air Station Topsham Richmond Bath Cook's Corner
Community Bus Lines	Arthur T. Duplessie, General Manager 55 Grove Street Waterville, Maine	Waterville Waterville Waterville Urban Routes Old Orchard Beach	Winslow Fairfield Oakland Waterville Pine Point
*E. Emerson Cummings	110 Portland Avenue Old Orchard Beach, Maine		
John T. Cyr & Sons, Inc. Lucien V. Demers d/b/a	Old Town, Maine Van Buren Bus Lines 36 St. Mary's Street Van Buren, Maine	Great Works Urban Van Buren Hamlin	Bangor Van Buren Limestone Air Base Me.-New Brunswick Line Bath
Charles B. Doyle d/b/a	Bath Bus Service Box 267 Bath, Maine	Urban	
The Falmouth Transportation Co.	Walter Swett, President Falmouth Foreside, R.F.D. 4 Portland, Maine	Pownal State School Portland Portland also serving Chebeague Island	Portland Newhall Falmouth Foreside (Handy Boat Service)
Carlos A. Goldwaith William F. Hanson d/b/a	Biddeford Pool Border Transportation Company 19 North Street Calais, Maine	Biddeford Pool Calais Calais	Biddeford Eastport Milltown

BUS LINES	MAIL ADDRESS	FROM	ROUTE SERVED TO
Harry E. Hasey, Jr. d/b/a	Hasey's Maine Stages, Inc. 490 Broadway Bangor, Maine	Bangor	Rockwood
Jacob F. Hebert	154 Main Street Norway, Maine	South Paris (serving trains of C.N. Railways)	Norway
Philip C. Hodgkins d/b/a	Triangle Bus Lines Farmington, Maine	Farmington Farmington Farmington Rangeley	Waterville Rangeley Eustis Oquossoc
International Coach Lines, Inc.	180 Congress Street Rumford, Maine	Belgrade Depot Upton	Augusta Calais
Interstate Passenger Service d/b/a Interstate Lines	261 North Main St. Rochester, N. H.	Urban	South Berwick
Alvin E. & William J. Irish d/b/a	The Blue Line Box 21 Auburn, Maine	Lewiston Livermore	Rumford Farmington
Leon C. Kennedy Lewiston-Auburn Transit Co.	Patten, Maine Alfred Sweeney, General Manager 522 Lisbon Street Lewiston, Maine	Patten Urban Lewiston Lewiston Lewiston	Sherman Station Lewiston & Auburn Mechanic Falls Sabattus Lisbon Falls
Maine Central Transportation Co.	E. D. Westcott, General Manager 222 St. John Street Portland, Maine	Portland Portland Portland Gardiner Lewiston Bingham Dover-Foxcroft	Calais Rockland N. H. State Line Augusta Brunswick Waterville Newport

BUS LINES	MAIL ADDRESS	ROUTE SERVED	
		FROM	TO
Maine Trans. Co.—Cont.		Bangor Ellsworth Bangor Fryeburg Rockland Lewiston	Bucksport Bar Harbor Mattawamkeag Portland Ellsworth Me.-N. H. State Line at Gilead
		Welchville Bingham Urban Cutler	Portland Jackman Augusta Machias
Durward E. Maker William J. Marshall, Jr. d/b/a	Cutler, Maine Marshall's Transportation Co. 11 Court Street Exeter, New Hampshire	N. H. State Line at Kittery Kennard's Corner Eliot	Eliot
Ethel M. McCone	Riverside Drive Augusta, Maine	Augusta	South Berwick Kittery Togus
Ernest R. & Archie C. McLaughlin d/b/a	McLaughlin Bros. Searsport, Maine	Bangor	Rockland
*Nedeau & Thompson Bus Line	Frank L. Thompson, General Manager Kennebunkport, Maine	Kennebunkport	Kennebunk
Penobscot Transportation Co.	R. N. Haskell, General Manager Bangor, Maine	Bangor Bangor Bangor Urban	Old Town South Brewer Hampden Highlands Bangor
Portland Coach Company	Alfred Sweeney, General Manager 117 St. John Street Portland, Maine	Urban Routes in Portland, Westbrook and Cape Elizabeth	South Portland
Bernard A. Poulin	North Vassalboro, Maine	East Vassalboro	Waterville

BUS LINES'	MAIL ADDRESS	ROUTE SERVED	
		FROM	TO
Lionel A. Roy Rumford & Mexico Bus Line, Inc.	Rumford, Maine Theodore Ross, President 8 Franklin Street Rumford, Maine	Rumford Virginia	Bethel Mexico
Cleba R. Spofford d/b/a	The White Line 136 Spring Street Auburn, Maine	Lewiston Lewiston Lewiston	Danville Junction North Auburn Upper Gloucester Fair Grounds Bar Harbor
Herbert A. Staples d/b/a	Staples Motor Coaches 473 Broadway Bangor, Maine	Bangor	
Harry Sykes John H. Taylor d/b/a	Richmond, Maine Taylor's Bus Service Frye, Maine	Richmond Rumford	Gardiner Rangeley Village
Erroll Thompson & Burton Moore d/b/a	Gardiner Bus Line Depot Square Gardiner, Maine	Togus Gardiner	Auburn South Gardiner
Walter H. Tolman Herbert C. Wood d/b/a	Glen Cove, Maine Wood's Bus Line 38 Crescent Street Rockland, Maine	Camden Rockland Port Clyde Port Clyde Rockland	Thomaston Port Clyde Thomaston Augusta
*York Bus Company York Utilities Company	Old Orchard Beach, Me. Albert G. Moineau, General Manager Box 269 Sanford, Maine	Old Orchard Sanford **Sanford Sanford Sanford Sanford	Ocean Park Springvale Wells Beach Biddeford North Berwick South Waterboro

*Routes operated during summer season only.

**Route operated Saturday, Sunday and holidays during summer.

SECURITIES AUTHORIZED

July 1, 1948 to June 30, 1950

Long Term Debt

—

Capital Stock

Electric and Water Utilities

December 31, 1949

Compiled by Accounting Department

LONG TERM SECURITIES AUTHORIZED

July 1, 1948 to June 30, 1950

Name of Company	Stocks	Bonds	Notes	%	Description	Capital Expenditures	Refunding of Securities	Stock Dividend	Purchase of Property
Ashland Water & Sewer District		\$170,000.00		2 $\frac{3}{4}$ %		\$170,000.00			
Bangor Hydro-Electric Co.		1,500,000.00		3 $\frac{7}{8}$ %		1,500,000.00			
	\$484,000.00			4 $\frac{1}{4}$ %	Preferred	484,000.00			
	814,560.00			2 $\frac{3}{4}$ %	Common	814,560.00			
Biddeford & Saco Water Co.		2,000,000.00		2 $\frac{3}{4}$ %	Common	2,000,000.00			
Central Maine Power Co.	84,600.00			3%	Common	84,600.00			
	2,864,960.00			4.0%	Common	2,864,960.00			
		5,000,000.00		3%	Preferred	5,000,000.00			
	3,000,000.00			4.0%	Common	3,000,000.00			
	2,005,480.00					2,005,480.00			
Cornish Water Co.		5,000,000.00	5,000.00	2 $\frac{7}{8}$ %		5,000.00			
Fort Fairfield Utilities District		190,000.00		4%					\$190,000.00
Fort Kent Water Co.			17,000.00	2 $\frac{1}{2}$ %		17,000.00			
Freeport Water Co.			64,000.00	5%		64,000.00	\$32,000.00		
	21,800.00			3 $\frac{1}{2}$ %	Common	32,000.00		\$21,800.00	
Gray Water District		38,000.00		2 $\frac{1}{2}$ %			38,000.00		
Grindstone Neck Water Co.			12,000.00	5%			12,000.00		
Hampden Water District		60,000.00		2 $\frac{3}{4}$ %		60,000.00			
Houlton Water Co.		130,000.00		3 $\frac{1}{4}$ %		130,000.00			
Kittery Electric Light Co.			50,000.00	3 $\frac{1}{2}$ %		50,000.00			
Kittery Water District		120,000.00		2%		120,000.00			
		240,000.00		2 $\frac{1}{4}$ %		240,000.00			
		260,000.00		2 $\frac{1}{4}$ %		260,000.00			
Lewiston Gas Light Co.		175,000.00		3 $\frac{1}{4}$ %		175,000.00			
Lubec Water Dept.			30,000.00	2%		30,000.00			
Madison Water District		150,000.00		2 $\frac{1}{2}$ %		150,000.00			
Maine Consolidated Power Co.		200,000.00		4%		200,000.00			
		100,000.00		4%	Preferred	100,000.00			
Maine Public Service Co.	600,000.00				Common	600,000.00			
	250,000.00				Common	250,000.00			
		1,500,000.00		3 $\frac{3}{4}$ %	Preferred	1,500,000.00			
	600,000.00					600,000.00	5,000.00		
North Berwick Water Co.			5,000.00	5%			5,000.00		
Portland Gas Light Co.		200,000.00		3 $\frac{1}{2}$ %		200,000.00			
Portland Water District		1,000,000.00		2%		1,000,000.00			
Searsport Water District		130,000.00		3 $\frac{1}{2}$ %		130,000.00			125,000.00
Skowhegan Water Co.			150,000.00	3%		150,000.00			
South Freeport Water District		21,000.00		2 $\frac{1}{2}$ %		21,000.00			
Southwest Harbor Water Co.			45,000.00	5%		45,000.00			
Stonington & Deer Isle Power Co.		20,000.00		3%		20,000.00			
Totals	\$10,725,400.00	\$18,204,000.00	\$378,000.00			\$28,883,600.00	\$87,000.00	\$21,800.00	\$315,000.00

EXPENSES OF THE COMMISSION

July 1, 1948

to

June 30, 1950

PUBLIC UTILITIES COMMISSION

The following is a statement in tabular form of the expenses of the Commission for the year ended June 30, 1949.

Appropriation	\$83,290.00	
Revenues—Bus Regulation	1,335.00	
Other Revenues	51.25	
Supp. Appr.—Council Order	7,500.00	
Total		\$92,176.25
Expenditures		
Salaries of Commissioners	18,000.00	
Salary of Clerk	4,533.11	
Salary of Reporter	2,861.40	
Salaries of Stenographers	8,398.00	
Salary of Accountant	3,646.40	
Salary of Rate Chief	2,127.40	
Salaries of Engineers	20,047.12	
Salary of Inspector	2,984.40	
Total Salaries		\$62,597.83
Expenses—Executive Dept.		
Traveling Expenses	\$1,175.22	
Office Supplies and Expenses	2,002.86	
Office Equipment	1,019.52	
Repairs to Equipment	236.90	
Postage	480.80	
Express	96.94	
Books and Periodicals	453.95	
Nat. Assn. R.R. and P. U. Commr's	375.00	
Telephone and Telegraph	1,437.82	
Special Services—Rate Case	7,760.92	
		\$15,039.93
Expenses—Other		
Traveling Expenses—Acctg. Dept.	\$78.33	
Traveling Expenses—Eng. Dept.	2,835.32	
Expenses—Inspection, Steamboats	1,122.02	
Expenses—Inspection, Busses	627.50	
Cutting Bushes	329.58	
Expenses—Water Resources Div.	8,992.50	
Aid to Navigation	60.00	
	\$14,035.25	
Total Expenditures		\$91,673.01
Balance Unexpended		503.24
Control over Motor Trucks		
Balance July 1, 1948	\$31,405.76	
Revenues July 1, 1948 to June 30, 1949	53,318.05	
		\$84,723.81

Expenditures

Salaries, July 1, 1948 to June 30, 1949	\$29,506.75	
Expenses, July 1, 1948 to June 30, 1949 . . .	10,696.82	
	<hr/>	\$40,203.57

Balance Unexpended		\$44,520.24
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U.S.G.S. Co-op. Mapping

Balance July 1, 1948	531.57	
Appropriation	3,500.00	
	<hr/>	\$4,031.57

Expenditures July 1, 1948 to June 30, 1949		3,372.98
		<hr/>

Balance Unexpended		\$658.59
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PUBLIC UTILITIES COMMISSION

The following is a statement in tabular form of the expenses of the Commission for the year ended June 30, 1950.

Appropriation.....	\$84,855.00	
Appropriation—(Special).....	1,716.00	
Revenues—Bus Regulation.....	1,300.00	
Other Revenues.....	35.50	
	<hr/>	
Total.....		\$87,906.50
Expenditures		
Salaries of Commissioners.....	\$18,000.00	
Salary of Clerk.....	4,534.92	
Salary of Reporter.....	3,027.40	
Salaries of Stenographers.....	9,621.60	
Salary of Accountant.....	3,707.40	
Salary of Rate Chief.....	40.85	
Salaries of Engineers.....	20,168.48	
Salary of Inspector.....	3,026.40	
	<hr/>	
Total Salaries.....		\$62,127.05
Expenses—Executive Dept.		
Traveling Expenses.....	\$1,051.30	
Office Supplies and Expenses.....	1,012.97	
Office Equipment.....	434.97	
Repairs to Equipment.....	292.15	
Postage.....	644.34	
Express.....	1.79	
Books and Periodicals.....	404.12	
Nat. Ass'n. R.R. and P.U. Commr's.....	375.00	
Telephone and Telegraph.....	1,490.48	
New England Conference, P.U.C.....	250.00	
	<hr/>	
		\$5,957.12
Expenses—Other		
Traveling Expenses, Acctg. Dept.....	\$235.26	
Blanks—Acctg. Dept.....	120.17	
Traveling Expenses—Eng. Dept.....	2,907.49	
Expenses—Inspection, Steamboats.....	1,496.45	
Expenses—Inspection, Busses.....	552.77	
Cutting Bushes.....	306.78	
Expenses—Water Resources Div.....	9,999.76	
Aid to Navigation.....	60.00	
Traveling Expenses—Rate Dept.....	99.84	
	<hr/>	
		\$15,778.52
Total Expenditures.....		\$83,862.69
Balance Unexpended.....		4,043.81
Control over Motor Trucks		
Balance July 1, 1949.....	\$44,520.24	
Revenues July 1, 1949 to June 30, 1950...	65,141.00	
	<hr/>	
		\$109,661.24

Expenditures

Salaries, July 1, 1949 to June 30, 1950 . . .	\$35,891.03	
Expenses, July 1, 1949 to June 30, 1950 . . .	13,283.27	
Transferred to State Highway Comm. . . .	25,000.00	
	<hr/>	\$74,174.30

Balance Unexpended \$35,486.94

U.S.G.S. Co-op. Mapping

Balance July 1, 1949	\$658.59	
Appropriation	20,000.00	
	<hr/>	\$20,658.59
Expenditures July 1, 1949 to June 30, 1950		8,511.47

Balance Unexpended \$12,147.12

ACCIDENTS

July 1, 1948 to June 30, 1950

Steam Railroad Companies

Compiled by Inspection Department

ACCIDENTS

Grade Crossing Accidents for the Year Ended June 30, 1949

Steam Railroads	Protected		Unprotected		Private		Total	
	Killed	Inj.	Killed	Inj.	Killed	Inj.	Killed	Inj.
Boston & Maine.....								
Maine Central.....	7	17	1	1	1	1	9	19
Canadian National.....		1	1				1	1
Canadian Pacific.....				7				7
Bangor & Aroostook.....								
Belfast & Moosehead.....								
Aroostook Valley R.R.....								
Totals.....	7	18	2	8	1	1	10	27

Accidents, other than at Grade Crossings on Steam Railroads
for the Year Ended June 30, 1949

Steam Railroads	Passengers		Employees		Trespassers		Other Persons		Total	
	Killed	Inj.	Killed	Inj.	Killed	Inj.	Killed	Inj.	Killed	Inj.
Bangor & Aroostook R.R.....			1	19	1				2	19
Boston & Maine R.R.....				7						7
Canadian National Ry.....				7		1				7
Maine Central R.R.....	1		1	34	2			2	3	37
Portland Terminal Co.....				9				1		10
Totals.....	1		2	76	3	1		3	5	81

CLASSIFICATION

Grade Crossing Accidents for the Year Ended June 30, 1949

Protection		Killed	Inj.
Automatic Signal	Man walked onto crossing in path of train.....		1
Automatic Signal	Man drove car into front end of locomotive.....	2	
Automatic Signal	Man drove car by rear car of standing train into path of train approaching on second track.....		3
Automatic Signal	Man drove car into side of locomotive.....		2
Automatic Signal	Man drove auto truck into path of approaching train.....		1
Unprotected	Man drove tank truck into path of approaching train.....		1
Automatic Signal	Woman walked under red flashing signals in front of locomotive.....	1	
Unprotected	Man drove car in front of approaching train on private crossing.....		1
Automatic Signal	Man drove car in front of train. Car struck man sitting on curbing.....		1
Unprotected	Elderly man deliberately laid down on crossing in front of approaching train.....	1	
Bell Signal Only	Young man drove car onto crossing directly in front of train.....	2	
Unprotected	Man towed truck over private lumber yard crossing and truck was demolished by train.....	1	
Automatic Signal	Man drove car into side of engine under the cab.....		1
Flagman and Automatic Signal	Mailman drove car onto crossing in front of train backing up.....		1
Unprotected	Man drove car onto diagonal crossing in path of train.....		3
Unprotected	Brakeman was knocked off top of freight car onto crossing by low hanging wire and run over by cars.....	1	
Automatic Signal	Man drove truck by signal directly in front of train.....		1
Automatic Signal	Man drove car by signal into side of train.....		2
Unprotected	Man drove car into side of extra freight train.....		5
Automatic Signal	Man drove car by rear end of one train into path of oncoming passenger train on double track.....		3
Automatic Signal	Man drove car into side of engine moving two miles per hour.....	2	
Automatic Signal	Man walked by red flashing signal and bell into path of train.....		1
	Total.....	10	27

ACCIDENTS

Grade Crossing Accidents for the Year Ended June 30, 1950

Steam Railroads	Protected		Unprotected		Private		Total	
	Killed	Inj.	Killed	Inj.	Killed	Inj.	Killed	Inj.
Boston & Maine.....								
Maine Central.....	4	3	2	11	2		8	14
Canadian National.....			2	2			2	2
Canadian Pacific.....								
Bangor & Aroostook.....			4	21			4	21
Belfast & Moosehead Lake.....				2				2
Aroostook Valley.....				1				1
Sanford & Eastern.....				1				1
Totals.....	4	3	8	38	2		14	41

Accidents, other than at Grade Crossings on Steam Railroads
for the Year Ended June 30, 1950

Steam Railroads	Passengers		Employees		Trespassers		Other Persons		Total	
	Killed	Inj.	Killed	Inj.	Killed	Inj.	Killed	Inj.	Killed	Inj.
Bangor & Aroostook R.R.....			1	15					1	15
Boston & Maine.....	2		1	6			1		1	9
Canadian National.....				4						4
Maine Central.....	1		1	14		3		9	1	27
Portland Terminal.....				5						5
Totals.....	3		3	44		3		10	3	60

CLASSIFICATION

Grade Crossing Accidents for the Year Ended June 30, 1950

Protection		Killed	Inj.
Automatic Signal	Man drove car in front of switcher and car was thrown against concrete base of signal.....		2
Unprotected.....	Aged man lay down in front of train apparently intentionally.....	1	
Automatic bell.....	Young man drove car onto a blind grade crossing just ahead of oncoming train.....	2	
Unprotected.....	Man drove truck into path of train which he did not see.....		1
Automatic Signal	Man drove car into side of locomotive.....		1
Flagman.....	Mail carrier failed to observe flagman's signals and drove car in path of train backing up.....		1
Unprotected.....	Man drove car in front of approaching train.....		3
Unprotected.....	Bus driver drove bus with 11 passengers into side of engine as road was covered with ice not sanded.....	1	11
Unprotected.....	Man drove pick-up truck with windows frosted into path of oncoming train.....	2	
Unprotected.....	Man drove pick-up truck in daytime in front of train approaching clear-view crossing.....		2
Unprotected.....	Man drove car in path of diesel engine on crossing that should have been protected by flagman.....		1
Automatic Signal	Man drove truck into side of diesel locomotive.....	1	
Automatic Signal	Man drove heavy truck into path of train as he could not stop due to ice on the road.....	1	
Unprotected.....	Man drove family car into 42nd car on freight train.....		1
Unprotected.....	School bus driver failed to stop on approach to crossing and drove loaded bus into path of snow plow.....	2	11
Unprotected.....	Man drove car into path of freight train on a clear-view crossing.....	2	1
Unprotected.....	Man drove car off road and struck switch near crossing.....	1	1
Unprotected.....	Man walked into side of slow moving train.....		1
Unprotected.....	Man drove truck with no brakes into path of train.....		1
Unprotected.....	Man drove car at high speed and ran into side of freight train.....		1
Unprotected.....	Man towed small truck into path of oncoming train.....	1	
Unprotected.....	Man stalled truck on crossing right in front of oncoming train.....	1	2
Total.....		14	41

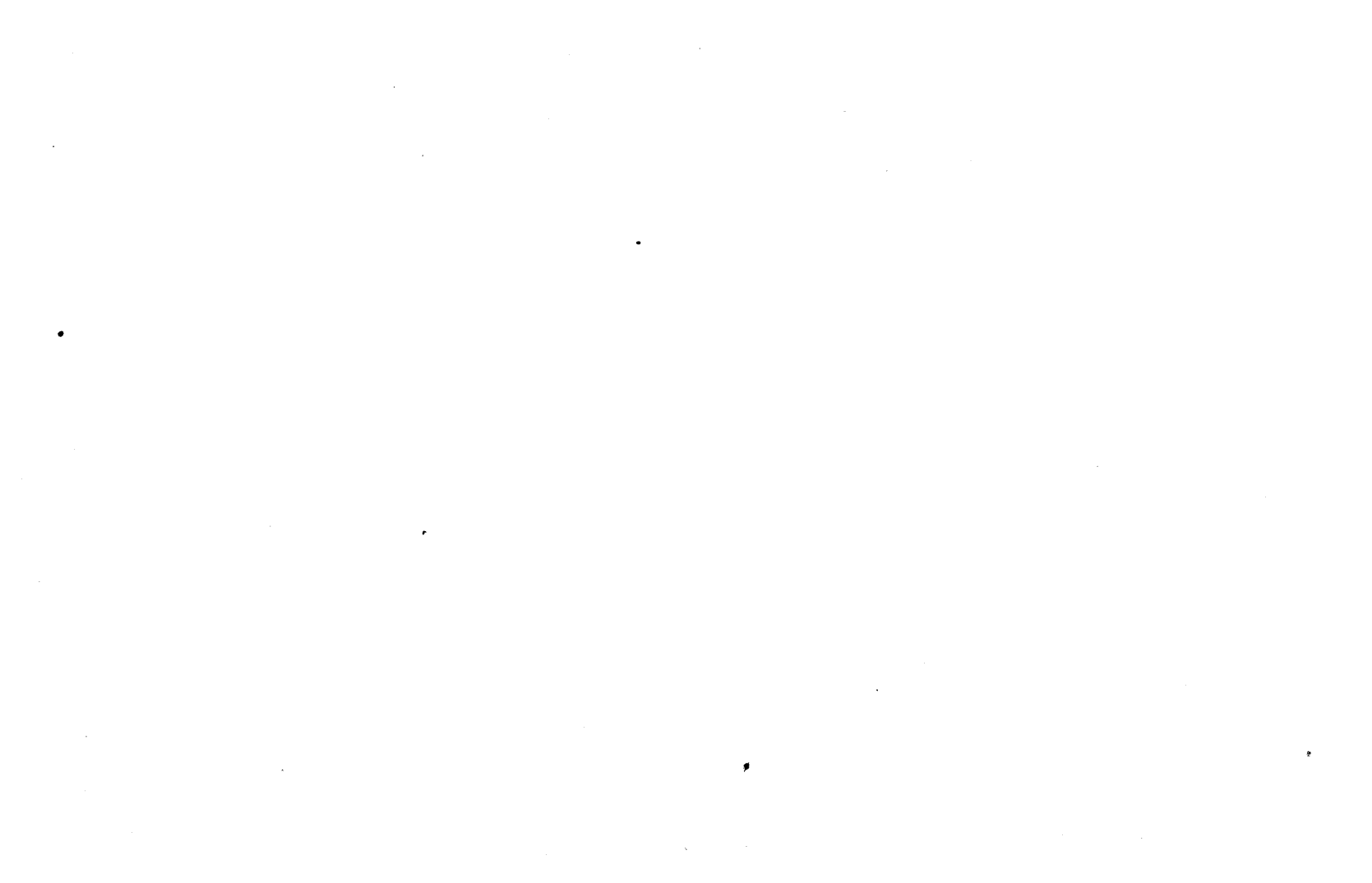


TABLE OF CASES

Disposition of

1949-1950

WATER COMPANIES

U. #1917 — Caribou Water Works Corporation. Application for approval of issue of securities in amount of \$150,000. Authorized.

U. #1919 — The North Berwick Water Company. Application for approval of issue of promissory note in amount of \$5,000. Authorized.

U. #1920 — Searsport Water Company. Application for approval of issue of securities in amount of \$130,000. Authorized.

U. #1926 — Gray Water District. Application for approval of issue of securities in amount of \$38,000. Authorized.

U. #1929 — Hampden Water District. Application for approval of issue of securities in amount of \$60,000. Authorized.

U. #1930 — Monson Spring Water Company. Petition to convey rights and title to Frank E. French. Approved.

U. #1931 — Houlton Water Company. Application for approval of issue of securities in amount of \$170,000. Authorized.

U. #1932 — Madison Water District. Application for approval of issue of securities in amount of \$150,000. Authorized.

U. #1939 — Lubec Water Company. Application for approval of issue of notes in amount of \$30,000. Authorized.

U. #1940 — Kittery Water District. Application for approval of issue of bonds in amount of \$120,000 for the purpose of taking up temporary loans which were used for the purpose of laying an additional 16 inch pipe line. Authorized.

U. #1941 — The Southwest Harbor Water Company. Application for approval of issue of Promissory Note in amount of \$45,000 and make adjustments in its Property Account. Hearing held. Authorized.

U. #1945 — Received application for approval of issue of bonds in amount of \$60,000. Authorized.

U. #1948 — Houlton Water Company. Petition for approval of power contract, sale of Diesel Plant and lease of site to Maine Public Service Company. Decree issued granting request.

U. #1952 — South Freeport Water District. Application for approval of issue of bonds in amount of \$13,000. Decree issued granting request.

U. #1958 — Portland Water District. Application for approval of issue of bonds in amount of \$600,000. Authorized.

U. #1959 — The Brunswick & Topsham Water District. Application for approval of issue of short term notes in amount of \$40,000. Authorized.

U. #1960 — Ashland Water & Sewer District. Application for approval of issue of securities in amount of \$170,000. Authorized.

U. #1961 — Freeport Water Company. Application for approval of issue of securities in amount of \$64,000. Authorized.

U. #1962 — Brewer Water District. Petition for approval of location of pipe line to be taken by Eminent Domain. Hearing held. Granted.

U. #1964 — Biddeford & Saco Water Company. Application for approval of issue of securities in amount of \$84,600. Authorized.

U. #1971 — Kittery Water District. Application for approval of issue of bonds in sum of \$500,000. Commission authorized issue of bonds in amount of \$240,000 since remaining \$260,000 are proposed to be dated July 1, 1950 and supplemental decree may be issued at that time covering same. June 26, 1950 Commission issued Supplemental Decree authorizing District to make, execute and issue, sell and deliver its bonds in the principal amount of \$260,000 to be dated July 1, 1950.

U. #1974 — Fort Fairfield Utilities District. Application for approval of issuance of coupon bonds in amount of \$190,000. Authorized.

U. #1979 — Portland Water District. Received application for approval of issue of securities in amount of \$1,000,000. Authorized.

U. #1980 — Houlton Water Company. Received application for approval of issue of \$130,000 in Notes. Authorized.

U. #1984 — Grindstone Neck Water Company. Received application for approval of issue of Promissory Note in amount of \$12,000. Authorized.

U. #1985 — Brewer Water District. Received petition for taking of certain parcels of land by eminent domain in City of Brewer. Hearing held. Authorized.

U. #1986 — Brewer Water District. Received application for approval of issue of securities. Hearing held. Authorized.

U. #1987 — Cornish Water Company. Received application for approval of issue of Note in the sum of \$5,000. Authorized.

U. #1991 — Gray Water District. Received application for approval of issue of Notes in amount of \$2,500. Authorized.

U. #1993 — Houlton Water Company. Application for approval of issue of securities. Authorized.

U. #1994 — South Freeport Water District. Application for approval of issue of \$21,000 in bonds. Authorized.

U. #1995 — Portland Water District. Petition for approval of purchase of Steep Falls Water Company and furnish water to inhabitants of village of Steep Falls, and Steep Falls Water Company Petition for approval of sale of property to Portland Water District and to discontinue service. Hearing held. Granted.

U. #1997 — Skowhegan Water Company. Received application for approval of issue of Promissory Note in the amount of \$150,000. Hearing held. Authorized.

U. #1992 — Smith & Greene Water Company. Petition to sell property to Joseph Puia. Granted.

F.C. #1288 — Lewis I. Naiman et als. vs. Augusta Water District. Re: Inadequate service on Pike Street, Augusta. Hearing held. Decree issued authorizing company to improve service.

F.C. #1289 — Gerald C. Marble et als., Town of Skowhegan et als. vs. Skowhegan Water Company. Re: inadequate fire protection service in Town of Skowhegan. Decree issued ordering improvements. Details to be made to the Commission and Supplemental Decree to be made in the matter. Hearing held.

F.C. #1292 — Selectmen of Windham et als. vs. Portland Water District. Petition complaining of rates for hydrant and consumer service in Town of North Windham. Hearing held. Commission issued decree adjusting matter.

F.C. #1293 — Calais Water & Power Company. Re: Increase in rates. Hearing held. Commission issued decree authorizing a 10% increase in all classifications except hydrants.

F.C. #1294 — Ernest G. Wilkins et als. vs. Portland Water District. Re: Extension of service at Sebago Lake and Standish. Hearing held. No decree issued.

F.C. #1295 — H. C. Marden et als. vs. Boothbay Harbor Water System. Re: Inadequate service at Ocean Point. Hearing held. Decree issued ordering company to take necessary steps to provide adequate water service.

F.C. #1297 — Public Utilities Commission vs. Freeport Water Company. Re: Increase in rates for water service. Hearing held. Decree issued authorizing portion of increase.

F.C. #1300 — Public Utilities Commission vs. Richmond Water Works. Re: Increase in rates. Hearing held. Decree issued allowing rates as filed with exceptions.

F.C. #1301 — Public Utilities Commission vs. Bangor Water Department. Re: Increase in rates. Hearing held. Decree issued granting request.

F.C. #1302 — Cornish Water Company. Re: Increase in rates. Hearing held. Decree issued approving proposed rates with certain changes.

F.C. #1304 — Public Utilities Commission vs. Bar Harbor Water Company. Re: Increase in rates. Hearing held. Decree issued granting proposed rates, with revisions.

F.C. #1306 — Public Utilities Commission vs. Machias Water Company. Re: Increase in rates. Hearing held. Decree issued disallowing portion of rate schedule, the remainder approved with changes.

F.C. #1307 — Presque Isle Water District. Re: Increase in rates. Hearing held. Decree issued allowing increase for public fire protection.

F.C. #1312 — Houlton Water Company. Re: Increase in rates. Hearing held. Decree issued increasing fire protection and disallowing schedules as filed.

F.C. #1317 — Warren Water Supply Company. Re: Increase in rates. Hearing held. Decree issued disallowing old rate schedule. New schedule filed in accordance with decree of Commission.

F.C. #1318 — Andover Water Company. Re: Increase in rates. Hearing held. Decree issued increasing rates with changes.

F.C. #1319 — Norway Water District. Re: Increase in rates. Schedule withdrawn at request of District.

F.C. #1323 — Lubec Water & Electric Department (Water Rates) Re: Increase in rates. Decree issued allowing rates with exceptions. Hearing held.

F.C. #1327 — Millinocket Water Company. Re: Increase in rates. Hearing held. Decree issued allowing increase.

F.C. #1328 — Northern Water Company. Re: Increase in rates. Hearing held. Decree issued allowing increase.

F.C. #1329 — Stillman and Madeline Weston et als. vs. Portland Water District. Petition for year round water service at Flaggy Meadow Road, Gorham. Hearing held. Decree issued denying petition.

F.C. #1330 — John H. Foster et als. vs. Waldoboro Water Company. Re: Inadequate and insufficient service. Hearing held. Decree issued ordering Company to make certain improvements to its water system.

F.C. #1333 — South Berwick Water Corporation. Re: Increase in rates. Hearing held. Decree issued disallowing rates.

F.C. #1334 — Bethel Water Company. By Louis Van Den Kerckhoven. Re: Increase in rates. Decree issued denying increase.

F.C. #1335 — Camille Daigle et als. vs. Fort Kent Water Company. Re: Extension of Service. Pending.

F.C. #1336 — Belfast Water District. Re: Increase in rates. Hearing held. Decree issued granting rates applying to public fire protection. Said rates relating to private fire protection shall not become effective.

F.C. #1337 — Kittery Water District. Re: Increase in Rates. Pending.

F.C. #1340 — Town of Lisbon Water Works. Re: Increase in Rates. Hearing held. Decree issued denying, disallowing, dismissing and rejecting rates, but allowing Rules and Regulations.

F.C. #1345 — Boothbay Harbor Water System. Re: Increase in Rates. Hearing held. Supplemental decree approving rate schedule issued.

F.C. #1346 — Farmington Falls Water Company. Re: Increase in Rates. Hearing held. Decree issued allowing rate schedule as filed with exception.

F.C. #1347 — Brewer Water District. Re: Increase in Rates. Hearing held. Decree issued approving rate schedule.

F.C. #1348 — North Village Water Company. Re: Increase in Rates. Hearing held. Decree issued granting rates.

TELEPHONE COMPANIES

U. #1942 — Roy E. Goss d/b/a Levant Telephone Company. Petition for sale of property and approval of mortgage by John N. Hill and Margaret E. Hill. Hearing held. Decree issued granting request of petitioner.

U. #1943 — Fort Kent Telephone Company. Application for approval of issue of securities. Authorized.

U. #1963 — Greenbush Telephone Company. Petition to sell telephone assets to Linwood Buxton of Costigan. Decree issued granting request.

U.R. #1972.1 — Franklin Farmers Cooperative Telephone Company. Received application for an increase in rates for Main Station Exchange Service. Granted.

U.R. #1975 — Eustis Telephone Company. Application for increase in rates. Granted.

U. #1977 — Albany Telephone & Telegraph Company. Received petition to transfer assets to Van Telephone & Telegraph Company. Authorized.

U. #1982 — Alton Farmers Telephone Company. Received petition asking for authority to furnish telephone service in Argyle. Hearing held. Authorized.

U. #1987.1 — New England Telephone & Telegraph Company. Petition for exemption from certain provisions of zoning ordinance in Kennebunk. Hearing held. Commission issued decree exempting provisions of said Kennebunk zoning ordinance except the provisions contained in subsection 3 of Section V thereof.

U. #1989 — Weld Telephone Association. Received application for approval of issue of Note in amount of \$1500 for construction purposes. Authorized.

U. #1990 — Lewiston, Greene & Monmouth Telephone Company. Received application for approval of issue of Notes in amount of \$75,000 for dial, service and improvement of facilities. Authorized.

U.R. #1998 — Stockton Springs Telephone Company. Received application for general increase in rates. Granted.

F.C. #1285 — Stanley C. Gilman et als., W. E. Sprague et als. vs. New England Telephone and Telegraph Company. Petition requesting telephone service through Bath exchange to eliminate a toll charge. Hearing held. Decree issued granting request.

F.C. #1286 — Harlan Wilkins et als. Petition for telephone service from New England Telephone and Telegraph Company for subscribers of Ripley Telephone Company.

F.C. #1296 — Black Point Inn et als. vs. New England Tel. & Tel. Company. Complaint against seasonal service rates being unjust and unreasonable to hotels. Hearing held. Decree issued adjusting matter.

F.C. #1299 — New England Telephone and Telegraph Company. Re: Emergency increase in rates for telephone service. Hearing held. Decree issued granting request pending hearing.

F.C. #1303 — F. Elmer Stanley et als. vs. Franklin Farmers Telephone Company. Re: Inadequate service on Line #160. Petition withdrawn at request of signers.

F.C. #1316 — New England Telephone and Telegraph Company. Re: Increase in rates. Hearing held. Decree issued cancelling certain rate sheets and allowing remainder. Dissenting opinion by Commissioner Hill.

F.C. #1326 — Public Utilities Commission vs. New England Telephone and Telegraph Company. Petition by three persons for telephone service in territory Lewiston, Greene & Monmouth Telephone Company authorized to serve. Hearing held. Decree issued granting request.

F.C. #1332 — William W. Wells et als. vs. Denmark Telephone Company. Re: Inadequate telephone service. Hearing held. Decree issued that company provide and continue to maintain adequate and reasonable telephone service.

F.C. #1338 — New England Telephone and Telegraph Company. Re: Increase in Rates. Granted.

F.C. #1339 — Sidney Telephone Company. Re: Increase in Rates. Hearing held. Granted.

F.C. #1341 — Nash Telephone Company. Re: Increase in Rates. Pending.

GAS COMPANIES

U. #1925 — Bangor Gas Company. Petition for permission to merge into Citizens Utilities Company and discontinue service as a public utility. Hearing held. Decree issued granting request.

U. #1933 — Bangor Gas Company. Application for approval of issue of securities in amount of \$85,000. Authorized.

U. #1937 — Lewiston Gas Light Company. Application for approval of issue of securities. Decree issued authorizing request.

U. #1946 — Portland Gas Light Company. Application for approval of issue of \$250,000 First Mortgage 3½% Series B bonds for the purpose of reimbursing its Treasury. Authorized.

U. #1978 — Augusta & Waterville Gas Company. Received petition for permission to terminate present type of gas service in the Augusta and Hallowell territory. Hearing held. Authorized.

F.C. #1298 — Public Utilities Commission vs. Portland Gas Light Company. Re: Increase in rates for gas service. Hearing held. Decree issued dismissing case.

ELECTRIC COMPANIES

U. #1914 — Maine Public Service Company. Petition for location of transmission line over land of Myrtle M. Todd, Caribou. Hearing held. Authorized.

U. #1915 — Maine Public Service Company. Petition for location of transmission line over land of Idell Jacobs, Caribou. Hearing held. Authorized.

U. #1916 — Bangor Hydro-Electric Company. Application for approval of issue of securities in amount of \$50,000. Authorized.

U. #1922 — Kittery Electric Light Company. Application for approval of issue of securities in amount of \$50,000. Authorized.

U. #1923 — Maine Public Service Company. Petition for right to convey properties, rights and assets, permits and franchises of Milo Division to Bangor Hydro-Electric Company. Authorized.

U. #1927 — Central Maine Power Company. Application for approval of issue of stock, for reduction of short term notes and construction, extension and improvement of facilities. Hearing held. Authorized.

U. #1934 — Maine Consolidated Power Company. Petition for authority to furnish service within the Town of Carthage, excepting such customers as Central Maine Power Company is now serving. Hearing held. Granted.

U. #1935 — Maine Consolidated Power Company. Application for approval of issue of securities in amount of \$200,000. Authorized.

U. #1936 — Dennys River Electric Cooperative. Petition for permission to serve Town of Wesley with electric energy. Hearing held. Authorized.

U. #1944 — Central Maine Power Company. Application for approval of issue of securities. Hearing held. Authorized.

U. #1947 — Maine Public Service Company. Petition for authority to enter into a purchase contract, Lease and

Supplemental Agreement with Houlton Water Company. Authorized.

U. #1949 — Central Maine Power Company. Petition for approval of location of transmission line over land of Florence A. Johnson, Falmouth. Hearing held. Decree issued granting request.

U. #1950 — Central Maine Power Company. Application for approval of issue of and sale of \$5,000,000 in principal amount of First and General Mortgage Bonds, Series R, due 1979. Hearing held. Decree issued authorizing request.

U. #1951 — Harry J. Smith, Meddybemps, Maine. Petition for public convenience and necessity for generation of electric energy for sale to Dennys River Electric Cooperative, Inc. and approval of contract. Hearing held. Decree issued granting request.

U. #1953 — Central Maine Power Company and Biddeford and Saco Gas Company. Petition of former to sell gas properties and discontinue service and latter company to buy. Hearing held. Two decrees issued, one authorizing discontinuance of gas service by Central Maine Power Company and permission of Biddeford and Saco Gas Company to purchase.

U. #1954 — Central Maine Power Company and Augusta and Waterville Gas Company. Petition of former to sell and discontinue service and latter to buy gas properties in Augusta and Waterville. Hearing held. Two decrees issued, one for discontinuance of service by Central Maine Power Company and for Augusta and Waterville Gas Company to purchase.

U. #1955 — Bangor Hydro-Electric Company. Application for approval of issue of 4,840 additional shares of its Preferred Stock of the par value of \$100 per share and up to 54,304 additional shares of common stock of the par value of \$15 per share. Hearing held. Decree issued authorizing application as requested.

U. #1956 — Central Maine Power Company. Petition for abandonment of gas plant and discontinuance of service

in City of Rockland. Hearing held. Decree issued granting request.

U. #1957 — Central Maine Power Company. Petition to abandon gas distribution facilities and discontinue service in City of Gardiner and Town of Farmingdale. Decree issued authorizing Central Maine Power Company to discontinue service.

U. #1965 — Rumford Light Company. Application for approval of 27,500 shares of common stock at par value of \$20 per share same having been changed from 5,500 shares at the value of \$100 each.

U. #1966 — Maine Public Service Company. Application for approval of issue of common stock in amount of \$300,000 and \$600,000. Hearing held. Authorized.

U. #1967 — Central Maine Power Company. Application for approval of Series S bonds in amount of \$5,000,000 and 30,000 shares of preferred stock at \$100 par value and 200,548 shares of common stock at \$10 par value. Hearing held. Authorized.

U. #1968 — Maine Consolidated Power Company. Received application for approval of issue of Series D First Mortgage, \$100,000. Authorized.

U. #1969 — Swan's Island Electric Cooperative, Inc. Received petition for consent to render service in the town of Swan's Island. Authorized.

U.R. #1970 — Hampden Newburg Light and Power Company. Application for increase in its General Lighting Service Rates. Granted.

U. #1973 — Maine Public Service Company. Received application for approval of issue and sale of Debentures. Hearing held. Authorized.

U. #1976 — Bangor Hydro-Electric Company. Received petition for taking of land of Erma M. Foley of Winterport for location of transmission line in Veazie. Hearing held. Granted.

U. #1981 — Maine Public Service Company. Received application for approval of issue of securities and increase in capital stock. Hearing held. Authorized.

U. #1983 — Bangor Hydro Electric Company. Received application for approval of issue of bonds in amount of \$2,000,000. Authorized.

U. #1988 — Stonington & Deer Isle Power Company. Received application for approval of issue of Serial Bonds in amount of \$20,000. Authorized.

F.C. #1287 — Goodall-Sanford, Inc. vs. Central Maine Power Company. Re: Increase in P-2 rate for industrial consumers. Hearing held. Case dismissed.

F.C. #1305 — Public Utilities Commission vs. Town of Madison (Elec. Dept.) Re: Increase in rates. Hearing held. Decree issued approving schedule of rates with changes.

F.C. #1308 — Farmers Electric Company. Re: Increase in rates. Hearing held. Decree issued reducing revenues by approximately \$300 per year.

F.C. #1309 — Van Buren Light & Power District. Re: Increase in rates. Hearing held. Approved.

F.C. #1310 — Limestone Electric Company. Re: Increase in rates. Hearing held. Decree issued disapproving and disallowing rates.

F.C. #1311 — Fort Fairfield Light & Power Company. Re: Increase in rates. Hearing held. Decree issued denying increase.

F.C. #1313 — Mars Hill Electric Company. Re: Increase in rates. Hearing held. Decree issued denying increase.

F.C. #1314 — Houlton Water Company (Elec. Dept.) Re: Increase in rates. Hearing held. Decree issued disallowing rates.

F.C. #1325 — Lubec Water & Electric Department (Electric). Re: Increase in rates. Hearing held. Decree issued disapproving and denying rates as filed and allowing new rates to be filed in accordance with Commission's decision.

F.C. #1331 — Houlton Water Company. Re: Increase in rates (electric). Hearing held. Rates allowed.

RAILROAD COMPANIES

R.R. #2929 — Leo E. Cota et als. vs. Maine Central Railroad Company. Petition for elimination of locomotive whistling at Pine, Middle and Water Streets in the Town of Orono. Granted. Hearing held.

R.R. #2930 — Walter E. Dillon et als. vs. Bangor and Aroostook Railroad Company. Petition for elimination of locomotive whistling in Town of Milo between hours of 8:00 P.M. and 8:00 A.M. Hearing held. Granted.

R.R. #2931 — George H. Boutin et als. vs. Boston and Maine Railroad. Petition for elimination of locomotive whistling at Main Street crossing, Biddeford. Hearing held. Granted.

R.R. #2932 — G.O. #1244 — Reopened. Maine Central Railroad Company. Petition to remove present type protection at Parker's Crossing, Benton and substitute automatic half gates and automatic two-way flashing light signals. Hearing held. Granted.

R.R. #2933 — Edwin J. Osgood et als. vs. Maine Central Railroad Company. Petition for elimination of locomotive whistling in Town of Milford. Hearing held. Granted.

R.R. #2934 — E. E. Knight et als. vs. Maine Central Railroad Company. Petition for elimination of locomotive whistling in Town of Fairfield. Hearing held. Case dismissed.

R.R. #2936 — Petition of Maine Central Railroad Company to discontinue and close Marsh Road crossing in Town of Thomaston. Hearing held. Granted.

R.R. #2937 — Mrs. Clifton M. Bryant et als. vs. Maine Central Railroad Company and Canadian National Railways. Petition for crossing protection at Greeley and Tuttle Road crossings in Town of Cumberland. Hearing held. Decree issued authorizing installation of standard audible and visible traffic signals at Tuttle Road crossing.

R.R. #2938 — Selectmen, Town of Lincoln. Petition for installation of automatic signals at railroad crossing

near Depot in Lincoln, which crossing runs to Eastern Corporation Paper Mill. Hearing held. Granted.

R.R. #2939 — Clair L. Allen et als. vs. Bangor and Aroostook Railroad Company. Petition for installation of automatic signals at Spofford's crossing in Oakfield. Hearing held. Decree issued ordering speed limit of 15 miles per hour for passenger trains and all freight trains to maintain present speed limit.

R.R. #2940 — E. H. Shute et als. vs. Maine Central Railroad Company. Petition for elimination of locomotive whistling in Town of Freeport. Hearing held. Petition denied.

R.R. #2943 — Inhabitants City of Auburn vs. Canadian National Railway Company. Petition for installation of automatic signal light protection at Old Hotel Road in Auburn. Hearing held. Granted.

R.R. #2945 — Canadian Pacific Railway Company. Petition to remove old type switch lights. Hearing held. Granted.

R.R. #2946 — Maine Central Railroad Company. Petition for installation and maintenance of automatic two-way flashing light signals at Trufant's crossing, West Bath. Granted. Hearing held.

R.R. #2947 — G.O. #1244 — Reopened. City of Portland and Portland Terminal Company. Petition for change in crossing protection at Congress Street, Portland. Hearing held. Granted.

R.R. #2948 — G.O. #1244 — Reopened. Town of Oakland and Maine Central Railroad Company. Petition for suitable crossing protection at Rice Road and Oak Street crossings in Oakland. Hearing held. Petition denied. Railroad requested to cut bushes and remove obstructions.

R.R. #2952 — Maine Central Railroad Company. Petition to close and discontinue Fuller Road crossing in Town of Hartford. Hearing held. Granted.

R.R. #2955 — Selectmen, Town of Greenville vs. Canadian Pacific Railway Company. Petition for installation

of automatic signals at Maple Street crossing. Hearing held. Granted.

R.R. #2958 — G.O. #1244 — Maine Central Railroad Company. Petition for elimination of gates at Second, Chestnut, Union, Academy, Center and Winthrop Streets in City of Hallowell. Hearing held. Dismissed.

R.R. #2959 — Maine Central Railroad Company. Petition to close and discontinue Burdens Road crossing in Sangerville. Hearing held. Granted.

R.R. #2960 — Maine Central Railroad Company. Petition for closing and discontinuance of Hoyt's Road crossing in Town of Winthrop on line of Maine Central Railroad Company. Hearing held. Granted.

R.R. #2961 — G.O. #1244 — Reopened. Petition to close and discontinue Platten Road or Bridge Street in Town of Lisbon Falls. Hearing held. Granted.

R.R. #2962 — Elmer F. Hoyt et als. vs. Maine Central Railroad Company. Petition for elimination of locomotive whistling at Riverside and Lambert Streets in City of Portland (Falmouth). Hearing held. Granted.

R.R. #2963 — Maine Central Railroad Company. Petition for change in crossing protection at Main Street, Madison. Hearing held. Decree issued restricting speed of trains to 6 miles per hour, crossing to be protected by flag-man on ground.

R.R. #2964 — Stanley Greene et als. vs. Maine Central Railroad Company. Petition for crossing protection at Richville Road in Standish. Hearing held. Granted.

R.R. #2966 — Bangor and Aroostook Railroad Company. Petition for change in crossing protection at Main Street crossing in Van Buren. Hearing held. Granted.

R.R. #2967 — Bangor and Aroostook Railroad Company. Petition asking for change in crossing protection at Chapman Street, Presque Isle. Hearing held. Automatic signals installed.

R.R. #2968 — Bangor and Aroostook Railroad Company. Petition for change in crossing protection at North Main Street, Presque Isle. Hearing held. Automatic signals installed.

R.R. #2969 — Bangor and Aroostook Railroad Company. Petition for change in crossing protection at Brownville. Hearing held. Automatic signals installed.

R.R. #2970 — G.O. #1244 — Reopened. Bangor and Aroostook Railroad Company. Petition for change in crossing protection at Main Street crossing, Mars Hill. Hearing held. Automatic signals installed.

R.R. #2971 — G.O. #1244 — Reopened. Bangor and Aroostook Railroad Company. Petition for change in crossing protection at State Street, Presque Isle. Hearing held. Half gates and automatic signals installed.

R.R. #2972 — G.O. #1244 — Reopened. Bangor and Aroostook Railroad Company. Petition for change in crossing protection at Sherman (Patten Road). Hearing held. Company authorized to install cutout.

R.R. #2973 — State Highway Commission. Petition for laying out of highway over tracks of Maine Central Railroad Company in Town of Woolwich and Arrowsic. Hearing held. Granted.

R.R. #2974 — State Highway Commission. Petition for automatic signal light protection at St. George crossing, Thomaston on line of Maine Central Railroad Company. Hearing held. Granted.

R.R. #2975 — State Highway Commission. Petition for automatic signal light protection at Poland Spring crossing in Mechanic Falls on line of Maine Central Railroad Company. Hearing held. Granted.

R.R. #2979 — N. S. Kupelian et als. vs. Maine Central Railroad Company. Petition for crossing protection at Sweetser's Road crossing in Gray. Hearing held. Granted.

R.R. #2980 — R. F. McKenney et als. vs. Maine Central Railroad Company. Petition for automatic signals at Clark

and Station Crossing (Academy Street) in Town of New-castle. Hearing held. Granted.

R.R. #2981 — Selectmen, Town of Hollis vs. Sanford and Eastern Railroad Corp. Re: Improvement of under-pass at Hollis. No decree issued.

R.R. #2983 — Maine Central Railroad Company. Petition for closing and discontinuance of railroad crossing in Town of Waldoboro, said crossing having been discontinued by the Town. Authorized.

R.R. #2986 — State Highway Commission. Petition for installation of automatic signal light and gate protection at Military Road Crossing in Lincoln on line of Maine Central Railroad Company. Authorized.

R.R. #2987 — G.O. #1244 — Reopened. State Highway Commission. Petition for installation of automatic manually controlled signal light and gate arm light protection at Brighton Avenue crossing, on line of Portland Terminal Company. Commission issued decree rescinding General Order #1244 and ordering installation of automatic signals in accordance with petition.

R.R. #2988 — Barbara M. Hersey et als. vs. Maine Central Railroad Company. Petition for elimination of locomotive whistling at Old Falmouth Road crossing, West Falmouth, or Lunt's Crossing. Decree issued granting request.

R.R. #2991 — Municipal Officers, Town of Caribou. Petition for elimination of locomotive whistling in Caribou by Bangor and Aroostook Railroad Company trains between hours of 8:30 P.M. and 6:00 A.M. Decree issued granting request.

R.R. #2993 — Bangor and Aroostook Railroad Company. Petition for substitution of reflector lenses for old type switch lights at certain places on its line. Decree issued granting request.

R.R. #2994 — Maine Central Railroad Company. Petition to close and discontinue Sidensparker Crossing in Town of Warren. Decree issued granting request.

R.R. #2998 — W. R. Staples et als. vs. Maine Central Railroad Company. Petition for installation of automatic signals at Hillside Crossing in Town of Brunswick. Decree issued dismissing petition but ordering company within 90 days to remove obstructions in quadrants.

R.R. #2999 — Municipal Officers, Town of New Gloucester vs. Canadian National Railway Company. Petition for installation of automatic warning signal at State Aid Road in New Gloucester, over tracks of Canadian National Railway Company. Decree issued granting request.

R.R. #3000 — Alfred M. Senter et als. vs. Maine Central Railroad Company. Petition for installation of automatic signals at Stanwood Street Crossing, Brunswick. Decree issued granting request.

R.R. #3002 — State Highway Commission. Petition for installation of automatic signal light protection at County Road Crossing, Wilton, over tracks of Maine Central Railroad Company. Decree issued granting request.

R.R. #3005 — Maine Central Railroad Company. Petition for change in crossing protection at Cedar and Chestnut Streets, Lewiston. Decree issued authorizing certain changes in crossing protection.

R.R. #3006 — Maine Central Railroad Company. Petition for change in crossing protection at Gove's County Road Crossing in Perry, by removing old type wig-wag flasher type signal and by stopping and flagging all trains over crossing. Decree issued granting request.

R.R. #3009 — Seth A. Good et als. vs. Maine Central Railroad Company. Petition asking for proper signal lights at Shaw and Sprague Crossings, Vanceboro. Decree issued denying petition pertaining to Shaw Crossing and ordering automatic flashing light signals with bells at Sprague Crossing.

R.R. #3011 — Canadian National Railway Company. Petition for rebuilding and reconstruction of overhead bridge in New Gloucester. Decree issued granting request.

R.R. #3014 — State Highway Commission. Petition for reconstruction and relocation of overpass in City of Biddeford. Authorized.

R.R. #3015 — Vivian T. Stone et als. vs. Bangor and Aroostook Railroad Company. Petition for elimination of locomotive whistling in Brownville. Pending.

R.R. #3016 — State Highway Commission. Petition for alteration and change in overpass at Lagrange on line of Bangor and Aroostook Railroad Company. Decree issued authorizing reconstruction and relocation of overpass in Lagrange in accordance with plan submitted.

R.R. #3017 — European & No. American Railway. Petition for location of branch track in City of Bangor. Authorized.

R.R. #3018 — State Highway Commission. Petition for installation of automatic signal light protection at Military Road Crossing in Town of Winn, on line of Maine Central Railroad Company. Decree issued granting request.

R.R. #3019 — Bangor and Aroostook Railroad Company. Petition for crossing protection in Ashland. Authorized.

R.R. #3020 — Bangor and Aroostook Railroad Company. Petition for installation of automatic signal light protection at Timoney Crossing in Town of Smyrna. Decree issued granting request.

R.R. #3021 — Canadian National Railway Company. Petition for closing of station at Gilead. Decree issued granting request.

R.R. #3023 — Bangor & Aroostook Railroad Company. Petition for change in crossing protection at Spoffords Crossing in Oakfield. Authorized.

R.R. #3024 — State Highway Commission. Petition for alteration and change in location of overhead bridge in Standish. Authorized.

R.R. #3025 — Public Utilities Commission vs. Maine Central Railroad Company. Re: Crossing protection at Montsweag and Birch Point Roads in Town of Wiscasset.

Decree issued denying request for signal lights at Birch Point Crossing and authorized installation of automatic flashing light signals with bells at both approaches to Montsweag Crossing.

R.R. #3026 — Edward T. Bartram et als. vs. Maine Central Railroad Company. Petition for protection at Lithgow Street Crossing in Winslow. Authorized.

R.R. #3027 — Basil A. Strout et als. vs. Maine Central Railroad Company. Petition for elimination of locomotive whistling at Hillside Crossing, Brunswick on line of Maine Central Railroad Company. Decree issued dismissing case.

R.R. #3028 — State Highway Commission. Petition for reconstruction and relocation of State Highway "K" Military Road in the vicinity of "Cemetery Crossing" in Town of Winn on line of Maine Central Railroad Company. Decree issued granting request.

R.R. #3029 — State Highway Commission. Petition for reconstruction and relocation of State Highway "L" and underpass in Prospect and Frankfort on line of Bangor and Aroostook Railroad Company. Decree issued granting request.

TELEGRAPH COMPANIES

R.R. #1972 — The Western Union Telegraph Company. Commission received application for a revision of certain sheets of its rate schedule to provide for a new rate structure for effect March 5, 1950. Granted.

Express Companies

F.C. #1343 — Railway Express Agency, Inc. Re: Increase in Rates. Decree issued dismissing case.

REPARATIONS

F.C. #1284 — C. A. Powers & Company vs. Bangor and Aroostook Railroad Company. Reparation Claim \$16.29. Decree issued adjusting claim.

F.C. #1290 — Bates Manufacturing Company vs. Maine Central Railroad Company. Reparation Claim \$463.40. Decree issued adjusting claim.

F.C. #1291 — Bangor and Aroostook Railroad Company vs. Itself. Reparation claim \$34.32 on shipment of potatoes. Decree issued adjusting claim.

F.C. #1320 — Hollingsworth & Whitney Company vs. Maine Central Railroad Company. Reparation claim \$62.39.

F.C. #1322 — Bates Manufacturing Company vs. Maine Central Railroad Company et als. Reparation claim \$162.23.

F.C. #1324 — Great Northern Paper Company vs. Maine Central Railroad Company. Reparation claim \$31.19.

F.C. #1332 — Bangor and Aroostook Railroad Company et al. vs. Great Northern Paper Company. Reparation Claim \$288.94.

F.C. #1342 — Pomerleau's Bakery vs. Railway Express Agency, Inc. Reparation Claim \$1,170.13. Granted.

F.C. #1344 — Bangor and Aroostook Railroad Company and Dead River Oil Company. Reparation Claim \$105.29. Granted.

MISCELLANEOUS

F.C. #1315 — William H. O'Brion et als. vs. Casco Bay Lines. Re: Rates and services. Complaint withdrawn at request of complainants.

M. #123 — Freeport Sewer District. Petition for approval of rates, tolls, rents and entrance charges in accordance with Section 5, Chapter 50, Private and Special Laws of 1949. Hearing held. Decree issued granting request.

EVAPORATION and PRECIPITATION
TABLES

Mean Monthly River Discharge
Tables and Per Cent of Time
Flow Duration Tables

For Four Year Period Ended
September 30, 1949

COMPILED BY WATER RESOURCES DEPARTMENT

Note: The following tables on evaporation, precipitation, and runoff cover so-called climatic years ending September 30, in accordance with the established practice of publishing such data.

EVAPORATION AT MOOSEHEAD, MAINE

Year and Month	Precipitation in Inches	Evaporation in Inches
1946		
May 7-31	2.15	1.24
June	2.15	2.67
July	2.58	3.19
August	2.75	3.31
September	5.82	2.84
October	2.06	2.18
November 1-17	1.82	0.49
1947		
May 16-31	0.88	0.60
June	3.96	2.03
July	6.35	2.28
August	1.33	4.58
September	2.92	3.17
October 1-9	0.18	0.49
1948		
June	0.84	3.16
July	3.14	3.89
August	3.14	3.86
September	1.19	3.99
October 1-19	3.97	1.57
1949		
May	2.77	2.39
June	2.26	2.99
July	3.00	4.19
August	3.33	4.42
September	2.92	3.21
October	1.62	1.55
November 1-9	1.68	0.23

Station established in June 1926 and consists of a square pan 36 by 36 inches deep, supported by floats in Moosehead Lake near the west end of east outlet dam. Evaporation measurements given above are observed values. No coefficients have been applied.

PRECIPITATION, IN INCHES, AT STATIONS IN DRAINAGE BASINS OF MAINE RIVERS, DURING THE YEAR ENDING SEPT. 30, 1946

Station	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
<i>Coastal Basins</i>													
Belfast.....	3.63	5.61	5.26	4.98	3.31	1.22	3.58	3.25	1.37	2.70	3.90	1.46	40.27
Glen Cove.....	4.31	6.48	5.08	5.00*	4.54	1.57	3.50*	3.38	1.40	3.16	4.92	4.37	47.71
Rockland.....	4.03	5.56	4.05	4.64	4.02	1.44	3.39	3.57	1.44	2.93	4.51	4.00	43.58
Southwest Harbor.....	4.66	1.03	5.42	3.82	5.56	1.60	3.41	2.92	1.04	1.43	2.70*	2.14	35.73
<i>St. John River Basin</i>													
Caribou.....	2.99	3.01	1.69	1.53	2.43	2.29	2.43	3.36	2.99	3.69	4.13	1.54	32.08
Clayton Lake.....	3.53	2.80	2.51	.....	1.40	2.32	3.12	2.80	4.08	.....	.....	.....	.....
Fort Fairfield.....	3.22	4.34	1.81	3.52	3.12	1.92	3.30	3.25	2.87	3.97	4.15	0.79	36.26
Fort Kent.....	2.15	2.47	1.85	2.48	2.60	1.85	2.57	3.61	1.14	3.20	4.20	1.38	29.50
Houlton.....	3.17	3.21	2.48	2.47	2.84	1.58	3.47	3.80	1.74	2.06	2.69	1.54	31.05
Presque Isle.....	2.34	2.82	1.42	2.64	2.28	1.88	2.57	3.29	1.95	3.77	3.22	0.66	28.84
Squapan Dam.....	2.63	2.78	2.12	2.33	2.17	1.80	2.91	3.41	2.93	3.60	2.87	1.59	31.14
<i>St. Croix River Basin</i>													
Eastport.....	6.37	6.90	3.72	3.24	5.48	2.47	6.35	3.62	0.76	2.18	2.67	1.90	45.66
Grand Lake Stream.....	4.92	5.30	3.59	2.53	3.33	1.43	3.54	3.49	1.49	1.37	2.86	2.40	36.25
Vanceboro.....	5.44	4.87	1.99	2.66	4.07	1.68	4.14	3.52	1.26	1.97	4.82	1.90	38.32
Woodland.....	5.51	5.75	3.40	2.32	4.20	1.79	3.86	3.76	1.05	1.71	3.11	2.52	38.98
<i>Machias River Basin</i>													
Machias.....	5.81	6.23	3.65	3.98	5.55	2.51	4.68	4.21	0.67	3.02	2.94	0.85	44.10
<i>Union River Basin</i>													
Bar Harbor.....	5.57	6.03	4.54	2.91	4.84	1.66	3.00	3.37	1.16	1.62	5.34	0.90	40.94
Ellsworth.....	4.61	5.56	3.10	3.67	5.73	1.86	3.16	3.73	1.41	2.35	3.94	2.30	41.42
<i>Penobscot River Basin</i>													
Bangor.....	4.28	3.73	3.46	2.64	1.89	1.12	3.02	3.37	1.27	3.22	3.86	3.60	35.46
Millinocket.....	4.31	3.15	2.40	2.72	1.95	1.23	2.27	2.92	1.19	2.90	4.95	2.99	33.98
Milo.....	3.72	3.50	2.42	2.51	2.74	1.22	4.02	4.38	1.33	2.94	4.28	2.35	35.41
Old Town.....	4.00	4.01	2.97	3.67	2.90	1.59	3.46	3.07	2.21	2.51	4.15	2.09	36.63
Orono.....	3.60	2.68	3.17	2.81	3.10	1.22	2.87	2.93	1.28	2.23	2.50*	2.35	30.74
Ripogenus Dam.....	4.64	4.23	1.87	3.68	2.09	1.53	3.38	3.06	1.65	4.38	4.18	3.90	38.59
<i>Kennebec River Basin</i>													
Augusta.....	3.51	3.49	3.53	2.55	1.97	0.91	2.28	3.02	1.50	2.49	4.62	4.34	34.21
Bingham.....	5.59	2.26	3.52	3.48	2.11	1.02	3.42	3.82	1.18	3.49	3.62	5.94	39.45
Brassua Dam.....	4.07	3.32	2.37	3.80	2.35	1.34	3.75	2.92	2.40	2.46	2.90	0.99	32.67
Brunswick.....	4.41	5.44	4.92	3.68	2.88	1.07	2.82	2.90	1.34	2.32	7.20	3.42	42.40
East Winthrop.....	4.00	4.84	3.75	3.01	3.49	1.02	2.91	3.43	1.52	2.95	5.86	3.84	40.62
Eustis.....	3.75	4.53	2.17	3.03	2.07	1.05	3.49	3.20	2.62	3.34	3.95	3.63	36.83
Farmington.....	7.16	5.90	4.41	3.73	2.27	1.08	3.03	3.10	1.91	3.84	4.47	5.36	46.26
Gardiner.....	4.31	4.72	4.40	3.34	2.78	1.18	3.62	3.26	1.34	2.56	4.04	2.58	38.13
Greenville.....	5.28	4.07	3.18	3.68	2.81	1.32	4.20	3.68	2.41	3.45	5.10	7.45	46.63
Jackman.....	3.50	3.26	1.38	3.26	3.55	1.24	2.84	3.58	2.17	1.31	2.68	3.22	31.99
Madison.....	3.17	4.44	3.96	3.70	2.14	1.16	3.15	2.88	1.26	3.70	4.38	4.41	38.35
Moosehead.....	3.68	3.31	2.69	3.46	2.12	1.36	3.34	2.96	2.13	2.58	2.61	1.18	31.42
Skowhegan.....	4.11	4.37	3.59	3.10*	2.56	1.36	2.74	3.39	1.06	3.43	3.85	7.32	40.88
The Forks.....	3.93	4.21	2.23	2.86	2.04	0.83	3.58	2.52	2.04	3.60	3.51	1.92	33.27
Winslow.....	3.47	4.09	3.27	2.81	2.50	0.53	2.42	3.06	1.26	3.69	5.03	2.26	34.39
<i>Androscoggin River Basin</i>													
Azischoos Dam.....	4.24	3.26	1.65	3.27	2.48	1.32	3.17	3.14	1.88	2.21	4.32	4.62	35.56
Berlin, N. H.....	3.59	4.56	3.46	2.95	2.25	0.75	2.19	3.13	2.98	2.83	6.96	2.65	38.30
Errol, N. H.....	4.47	3.64	2.24	2.85	2.64	1.37	3.30	3.89	4.27	2.99	5.35	5.04	42.05
Gilead.....	4.23	5.01	4.37	2.90	2.05*	1.10	2.09	2.60	1.92	3.10	7.96	4.42	41.75
Gorham, N. H.....	4.34	6.14	4.39	2.86	2.00	1.20	2.78	3.87	2.59	2.56	7.55	5.13	45.71
Lewiston.....	5.74	5.99	4.80	3.35	3.19	1.01	2.79	3.05	1.59	4.59	7.30	4.65	48.05
Livermore.....	7.10	4.98	4.43	5.07	3.02	1.16	2.92	2.80	2.19	5.27	5.35	6.15	50.44
Middle Dam.....	4.11	4.77	2.40	3.46	2.27	0.94	2.10	3.70	3.70	3.36	5.48	3.50	39.79
Oquossoc.....	4.72	2.76	3.05	3.63	3.25	1.10	2.64	3.11	1.56	3.06	4.72	4.36	37.96
Pontocook Dam N. H.....	4.06	2.90	2.62	2.55	2.21	1.10	2.74	3.69	3.20	3.07	5.90	3.90	37.94
Roxbury.....	5.87	4.63	3.53	2.42	1.03	1.15	3.40	3.73	2.82	2.76	5.64	5.21	42.19
Rumford.....	4.89	4.82	3.77	3.40	2.11	0.91	3.04	3.23	1.64	2.15	6.44	5.97	42.37
South Andover.....	5.00	5.00	4.18	3.80*	1.90	1.01	2.77	3.09	2.06	3.01	5.08	5.72	43.62
Upper Dam.....	3.88	4.62	2.30	3.08	1.90	1.28	2.46	3.54	2.78	3.32	4.19	4.04	37.39
<i>Presumpscot River Basin</i>													
North Bridgton.....	5.07	6.94	4.87	3.56	2.50	1.18	2.96	4.22	1.99	3.07	11.86	6.91	55.13
Portland.....	5.52	5.10	5.95	3.74	2.61	1.07	2.71	3.50	1.67	2.22	8.30	2.90	45.29
<i>Saco River Basin</i>													
Biddeford.....	4.43	4.15	3.99	4.25	1.43	1.06	2.74	4.43	1.75	1.84	9.13	3.86	43.06
Effingham Falls, N. H.....	2.50	3.99	5.07	3.42	1.37	1.30	3.52	4.29	2.11	3.27	9.27	5.03	45.14
Hiram.....	4.58	6.06	4.91	3.38	2.95	0.98	2.42	2.50	0.89	4.80	11.30	6.83	51.80
Lovell.....	5.11	3.87	5.06	3.18	2.20	0.67	3.89	3.54	2.98	3.64	10.77	4.38	49.89
Pinkham Notch, N. H.....	6.75	7.41	0.11	5.57	4.01	1.97	3.40	5.16	3.51	4.12	9.82	5.27	63.10
Swans Falls.....	4.31	4.47	4.86	2.99	1.79	1.14	2.30	3.80	3.53	3.59	9.44	5.13	47.45

*Estimated

**PRECIPITATION, IN INCHES, AT STATIONS IN DRAINAGE BASINS OF
MAINE RIVERS, DURING THE YEAR ENDING SEPT. 30, 1947**

Station	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
<i>Coastal Basins</i>													
Belfast.....	3.97	4.07	5.11	4.61	3.88	3.24	1.64	5.10	5.12	4.43	1.47	2.77	45.41
Glen Cove.....	1.50	4.17	5.93			3.33		5.97	3.51	2.54	0.17	1.74	
Rockland.....	2.35	4.51	5.70	3.92	3.16	3.65	1.44	6.52	3.55	2.42	0.26	1.68	39.16
Southwest Harbor.....	2.22	2.82			3.64	3.69	1.99	7.19	3.76			1.70	
<i>St. John River Basin</i>													
Caribou.....	3.50	4.38	2.72	2.48	3.12	2.43	3.65	6.27	3.72	5.69	2.36	3.93	44.25
Churchill Lake.....	3.30*	3.10	3.20	2.74	1.78	2.28	3.02	5.15	3.44	4.86	1.38	2.93	37.18
Fort Fairfield.....	3.45	3.90	3.48	2.49	3.20	2.42	3.73	5.62	4.84	4.65	2.16	2.50	42.44
Fort Kent.....	3.25	3.34	2.42	2.32	4.09	3.67	3.39	5.53	3.65	7.38	2.63	3.20	44.87
Houlton.....	1.26	4.04	3.19	2.40	2.70	2.56	2.17	4.53	4.68	5.06	2.62	2.27	38.38
Presque Isle.....	3.14	3.61	2.14	1.74	3.12	1.78	2.66	4.11	4.43	4.73	2.30	3.15	36.91
Squapan Dam.....	1.86	3.80	2.46	1.76	2.11	2.00	3.80	4.56	4.10	3.14	2.33	3.28	35.20
<i>St. Croix River Basin</i>													
Eastport.....	2.55	2.79	5.93	3.74	4.70	3.45	2.05	5.44	5.73	4.68	0.64	2.07	43.77
Grand Lake Stream.....	2.05	3.15	4.34	3.00*	4.59	2.50	2.16	5.62	5.37	6.18	1.35	2.11	42.42
Vanceboro.....	3.26	2.93	3.74	2.14	4.22	3.52	2.72	5.21	7.10	5.61	1.88	2.45	44.78
Woodland.....	2.20	3.27	3.91	2.93	4.54	3.02	1.86	5.71	4.65	4.41	1.16	2.46	40.12
<i>Machias River Basin</i>													
Machias.....	3.28	3.26	6.63	3.45	5.03	3.41	1.91	6.58	5.82	3.58	0.51	2.42	45.88
<i>Union River Basin</i>													
Bar Harbor.....	2.57	3.31	6.02	3.73	3.90	3.89	1.62	7.58	4.03	4.42	0.56	2.38	44.01
Ellsworth.....	1.71	3.79	4.86	3.25	4.07	3.30	2.35	7.62	4.31	4.10	0.91	1.82	42.09
<i>Penobscot River Basin</i>													
Bangor.....	2.13	3.90	3.30	2.88	2.36	1.65	3.40	6.41	4.30	4.76	1.47	3.46	40.02
Millinocket.....	2.43	3.89	4.13	2.82	3.24	3.80	2.78	4.44	4.22	5.71	3.37	3.05	43.88
Milo.....	3.70	3.99	4.43	2.76	4.07	3.03	1.45	5.27	5.35	4.27	1.58	2.80	42.70
Old Town.....	2.65	3.77	3.89	2.77	3.26	2.98	2.15	5.79	5.16	4.86	1.24	3.54	42.06
Ripogony Dam.....	2.05	4.05	3.79	2.21	5.62	3.94	2.98	5.13	4.77	4.06	1.79	2.75	43.14
<i>Kennebec River Basin</i>													
Augusta.....	1.58	2.84	3.41	3.20	2.53	2.71	1.30	5.11	4.51	4.64	0.37	2.74	34.94
Bingham Dam.....	2.31	2.96	2.98	2.48	2.78	2.32	1.42	5.10	4.53	4.46	0.91	3.14	35.39
Brassua Dam.....	6.44	3.01	3.44	1.74	4.12	2.41	2.48	5.15	3.92	3.97	1.53	2.47	40.68
East Winthrop.....	2.72	2.95	4.41	3.66	2.92	2.82	1.19	4.69	3.45	3.85	0.64	2.74	36.04
Eustis.....	3.53	3.10	4.17	2.14	3.36	3.76	1.51	5.23	4.19	3.89	0.72	2.39	37.99
Farmington.....	1.15	2.93	4.49	3.19	3.37	3.66	1.62	5.66	4.55	5.32	1.26	1.75	40.95
Gardiner.....	2.70	2.53	4.14	3.84	3.49	2.89	1.59	5.13	4.09	4.37	0.32	1.98	37.07
Greenville.....	2.53	3.11	4.00	2.21	6.37	4.17	2.30	5.42	4.71	6.37	1.02	2.85	45.06
Jackman.....	2.59	3.44	4.97	1.75	3.06	3.11	2.42	5.54	3.63	3.00	1.44	0.87	35.62
Madison.....	3.72	2.69	4.02	2.72	3.16	2.49	1.23	4.76	3.78	4.75	1.22	2.22	36.76
Moosehead.....	6.70	2.81	3.23	1.81	4.24	2.27	1.90	3.67	3.96	6.35	1.33	2.92	41.19
Skowhegan.....	1.90	2.79	4.10	3.40	3.30	2.58	1.15	4.98	3.70	6.35	1.66	2.42	38.33
The Forks.....	6.05	2.48	3.34	1.91	3.84	2.77	1.51	3.90	3.81	5.68	0.84	2.30	38.43
Winslow.....	6.28	2.80	3.96	2.71	2.94	2.43	1.08	5.14	4.65	6.71	1.61	2.49	42.80
<i>Androscoggin River Basin</i>													
Aisecchos Dam.....	3.34	3.41	4.47	3.34	2.87	2.29	2.04	5.47	4.07	4.48	1.42	3.18	40.38
Bethel.....	3.00*	2.69	4.27	3.51	3.11	2.15	1.53	4.82	4.45	8.11	0.78	1.69	40.11
Berlin, N. H.....	4.53	2.19	3.90	2.88	2.66	2.55	1.81	4.04	5.60	3.83	2.00	1.04	37.03
Errol Dam, N. H.....	3.14	3.44	4.73	3.59	2.24	2.69	2.53	6.05	4.55	4.77	1.23	2.33	41.19
Gilead.....	2.83	2.56	3.67	3.25	3.94	2.24	1.70	5.25	4.51	5.91	1.76	1.33	38.95
Gorham, N. H.....	2.29	2.28	3.84	4.43	3.62	3.57	2.22	4.39	5.93	3.49	1.11	1.09	38.26
Lewiston.....	1.64	2.49	4.71	4.15	3.63	3.10	1.09	4.09	4.07	5.89	0.70	2.75	39.51
Livernore.....	1.89	2.92	6.39	3.85	4.20	3.20	2.73	4.46	3.76	5.87	0.35	2.48	42.07
Middle Dam.....	3.28	2.42	3.44	2.65	3.64	2.72	2.01	5.36	5.29	4.50	1.27	3.22	39.80
Oquossoc.....	2.51	2.02	3.76	2.09	5.61	1.76	1.53	5.32	5.94	3.17	0.89	1.83	33.43
Pontocook Dam, N. H.....	3.70	2.37	3.52	3.63	2.12	2.37	2.17	4.59	5.69	5.14	2.35	1.71	39.96
Roxbury.....	3.43	2.82	4.04	3.31	3.57	3.54	1.70	4.79	4.38	5.07	1.47	1.67	38.79
Rumford.....	2.11	2.64	3.81	3.25	3.82	3.00	1.27	4.68	5.63	6.20	1.23	1.73	39.37
South Andover.....	2.66	2.65	4.15	3.46	3.25	2.92	1.75	4.58	5.02	5.75	1.14	1.63	39.19
Sunday River.....	2.70*	2.59	4.75	3.89	4.32	3.39	2.05	5.37	6.26	5.90	1.28	1.36	43.86
Upper Dam.....	2.85	3.47	3.85	2.79	2.92	2.11	1.93	5.18	5.03	3.85	1.93	2.76	38.67
<i>Saco River Basin</i>													
Biddeford.....	1.18	1.92	4.35	3.50	1.66	2.87	2.24	4.64	4.03	2.82	0.17	1.97	31.35
Effingham Falls, N. H.....	1.42	2.94	4.48	4.95	1.51	5.28	1.51	6.07	5.14	5.30*	0.94	1.69	41.23
Hiram.....	1.42	2.41	4.32	3.58	1.98	3.34	1.54	5.67	4.58	6.02	0.33	2.23	37.42
Lovell.....	1.63	2.08	7.10	2.52	1.31	2.57	1.31	5.41	4.30	1.24	1.59	0.96	35.52
Pinkham Notch, N. H.....	4.30	3.09	6.31	5.48	5.22	5.30	3.02	6.64	8.46	6.29	1.14	1.69	56.94
Swans Falls.....	1.59	2.66	3.81	4.05	1.71	2.92	2.03	5.42	6.38	3.70	0.46	1.53	36.26

*Estimated

PRECIPITATION, IN INCHES, AT STATIONS IN DRAINAGE BASINS OF MAINE RIVERS, DURING THE YEAR ENDING SEPT. 30, 1948

Station	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
<i>Coastal Basins</i>													
Belfast.....	0.17	5.41	3.57	3.29	1.49	2.49	3.18	8.12	3.41	2.45	0.95	0.64	35.17
Glen Cove.....	0.14	5.50	3.16	3.16	1.94	3.01	3.33	6.71	4.30	1.70	0.06	0.39	33.40
Rockland.....	0.14	5.76	2.97	3.09	1.92	3.12	3.34	7.17	4.47	1.63	2.24	0.42	36.27
Southwest Harbor.....	0.09	5.90	1.23	3.47	2.23	3.00	2.89	6.47	3.10	2.78	0.50	0.96	32.62
<i>St. John River Basin</i>													
Caribou.....	0.90	2.60	0.81	1.19	1.14	2.34	2.30	5.91	3.12	2.73	3.45	3.27	29.76
Clayton Lake.....	0.91	2.50	1.05	1.44	1.22	2.99	2.44	4.70	2.83	3.10	2.76	1.90	27.84
Fort Fairfield.....	1.17	2.95	1.29	1.16	0.96	3.01	2.33	4.82	1.81	2.79	2.53	2.99	27.81
Fort Kent.....	0.63	4.05	1.32	1.65	0.71	2.71	2.11	3.87	3.91	3.09	3.71	2.93	30.69
Houlton.....	0.37	3.08	1.07	1.58	0.89	2.57	2.28	4.49	2.15	3.03	1.63	2.09	25.23
Fresque Isle.....	0.51	2.61	1.08	1.22	0.74	1.87	1.92	4.42	2.36	2.32	2.70	2.58	24.33
Squanam Dam.....	0.60	3.02	0.62	1.40	1.12	2.28	2.78	4.65	2.25	2.46	3.28	1.75	26.21
<i>St. Croix River Basin</i>													
Eastport.....	0.19	4.68	2.93	5.10	1.90	2.80	2.86	5.66	3.06	5.37	1.48	0.92	36.95
Grand Lake Stream.....	0.31	4.27	1.55	2.91	1.44	2.19	2.35	6.50	2.10	3.46	1.13	1.07	29.28
Vanceboro.....	0.34	3.67	1.93	2.91	1.26	2.71	2.53	6.20	1.60	3.05*	1.05	2.14	29.39
Woodland.....	0.57	5.23	1.88	2.83	1.44	2.43	2.43	7.25	2.04	3.63	1.98	0.97	32.68
<i>Union River Basin</i>													
Bar Harbor.....	0.08	5.56	2.73	4.22	1.72	3.33	2.83	7.81	3.20	3.61	0.95	1.07	37.11
Ellsworth.....	0.17	5.20	1.51	3.24	1.52	1.96	2.22	5.49	2.61	1.29	0.32	0.98	26.51
<i>Machias River Basin</i>													
Machias.....	0.48	5.25	3.44	5.01	2.37	3.90	3.24	6.91	2.49	7.11	1.14	1.26	42.60
<i>Penobscot River Basin</i>													
Bangor.....	0.20	4.00	1.01	2.77	0.63	2.22	2.24	6.26	2.64	2.21	0.81	0.74	25.73
Millinocket.....	0.22	4.00	1.44	2.48	1.33	2.74	2.46	5.64	2.86	3.30	4.95	1.16	32.58
Milo.....	0.09	4.09	1.33	2.25	1.01	2.66	2.77	7.22	1.92	5.66	2.28	1.49	32.77
Old Town.....	0.20	4.03	1.63	2.36	1.10	2.44	2.46	5.33	2.24	2.08	0.96	1.28	26.11
Ripogenus Dam.....	0.55	5.66	1.36	2.06	1.22	3.04	2.58	6.99	1.19	3.76	2.24	2.27	32.92
<i>Kennebec River Basin</i>													
Augusta.....	0.07	4.66	2.29	3.97	2.23	2.87	3.78	9.20	3.96	1.61	0.91	0.61	36.16
Bingham.....	0.32	3.91	1.46	1.65	1.73	2.16	3.83	8.30	0.86	2.98	2.48	0.27	29.95
Brassua Dam.....	0.93	3.69	1.09	1.72	0.92	2.80	2.23	7.69	1.05	3.16	2.46	0.88	28.62
East Winthrop.....	0.16	4.74	2.25	3.27	1.46	2.42	2.75	7.51	3.48	1.42	0.32	0.55	30.33
Eustis.....	0.80	3.54	1.52	2.08	1.56	2.32	2.05	7.10	3.00	2.61	2.47	1.60*	30.65
Farmington.....	0.14	5.33	1.88	2.28	1.05	2.78	2.45	7.69	2.80	2.45	1.52	0.52	30.89
Gardiner.....	0.12	4.85	1.93	2.78	1.57	2.43	2.99	8.51	3.39	2.57	1.39	0.90	33.43
Greenville.....	0.66	5.54	1.41	1.89	1.00	3.04	3.74	7.71	3.06	2.59	2.13	0.88	33.65
Jackman.....	0.97	3.31	1.11	1.54	1.39	2.48	2.04	6.04	1.11	3.21	2.34	0.62	26.16
Madison.....	0.05	4.33	1.74	2.16	0.95	2.23	2.71	7.25	2.16	2.13	1.54	0.47	27.72
Moosehead.....	0.56	3.71	1.09	1.43	0.89	2.42	1.94	7.15	2.30	3.14	1.14	1.19	28.96
Skowhegan.....	0.00	4.44	1.61	2.59	1.04	2.48	2.49	7.17	1.64	2.09	1.20	0.39	27.14
The Forks.....	0.70	3.94	1.02	1.82	0.84	2.50	1.94	6.67	1.27	4.43	2.62	1.42	29.17
Winstow.....	0.49	4.26	1.47	2.03	1.03	2.58	2.74	7.52	3.01	2.64	1.98	0.81	30.56
<i>Androscoggin River Basin</i>													
Azischoos Dam.....	1.30	4.12	1.67	2.24	1.68	2.50	2.93	5.87	1.70	2.67	1.77	0.74	29.19
Berlin, N. H.....	0.46	4.67	1.37	1.64	1.04	1.91	1.90	4.86	2.93	2.09	1.89	0.71	25.47
Bethel.....	0.21	4.14	1.59	2.04	1.26	2.07	3.64	5.46	2.17	1.53	2.99	0.45	27.55
Gilead.....	0.14	6.26	1.34	1.42	1.23	1.85	3.69	5.74	2.86	1.71	3.03	0.72	29.99
Gorham, N. H.....	0.51	6.24	2.02	1.79	1.49	2.61	3.42	4.76	2.44	2.36	2.31	1.08	31.03
Lewiston.....	0.08	4.58	2.24	3.41	1.58	2.53	3.03	6.53	3.89	1.50	2.04	0.91	32.32
Livermore.....	0.12	5.08	2.26	3.66	1.70	3.02	3.43	6.01	2.17	2.49	0.94	0.73	31.61
Middle Dam.....	1.88	4.38	0.97	1.53	1.66	2.27	2.14	5.45	2.21	3.42	1.72	0.91	28.54
Qonossoc.....	0.71	3.07	1.35	1.61	1.29	2.40	1.46	7.50	0.87	2.09	2.01	1.23	25.58
Pontocook Dam, N. H.....	0.88	3.42	1.23	1.78	1.77	2.66	3.10	4.94	2.56	1.89	3.00	0.64	27.87
Roxbury.....	0.52	3.79	1.50	1.84	0.75	2.29	2.96	6.43	2.58	1.70	3.01	0.68	28.05
Rumford.....	0.04	4.85	1.59	2.06	1.19	2.61	3.38	6.18	2.16	2.22	2.39	0.33	29.00
South Andover.....	0.09	4.74	1.49	1.70	1.44	1.98	3.70	6.33	2.42	2.47	2.56	0.63	29.55
Sunday River.....	0.15	3.31	1.75	1.80	1.56	2.61	3.80*	6.60	2.97	0.99	2.14	0.62	28.30
Upper Dam.....	1.05	4.01	1.30	1.94	0.84	2.28	2.43	5.98	1.94	2.43	1.99	1.62	27.81
<i>Presumpscot River Basin</i>													
North Bridgton.....	0.32	5.07	2.35	3.25	1.43	2.43	2.46	8.35	3.84	2.82	2.10	0.57	34.99
Portland.....	0.26	4.87	1.96	2.39	1.64	2.63	2.90	7.74	4.52	1.20	1.06	0.30	31.47
<i>Saco River Basin</i>													
Hiram.....	0.13	5.02	2.44	3.14	1.88	2.37	3.00	6.42	3.06	1.37	2.23	0.49	31.55
Pinkham Notch, N. H.....	0.48	7.46	2.79	3.05	2.17	3.68	5.91	7.15	3.57	2.19	3.39	1.62	43.46
Swans Falls.....	0.22	4.53	1.49	2.82	1.41	2.28	3.56	6.91	3.01	0.99	1.30	0.42	28.90

*Estimated

PRECIPITATION, IN INCHES, AT STATIONS IN DRAINAGE BASINS OF
MAINE RIVERS, DURING THE YEAR ENDING SEPT. 30, 1949

Station	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
<i>Coastal Basins</i>													
Belfast	3.88	6.81	4.26	4.95	3.37	2.00	2.70	3.21	3.68	2.55	1.17	4.46	43.04
Rockland	3.51	6.03	3.62	4.70	4.55	2.36	2.80	3.40	3.33	1.08	1.21	4.64	41.23
Southwest Harbor	3.55	5.86	4.31*	3.85	3.91*	2.05*	2.77*	3.55	2.99	0.91	0.26	4.22	38.23
<i>St. John River Basin</i>													
Caribou	4.63	4.14	2.92	2.50	2.21	2.48	2.11	3.91	3.82	5.35	2.49	4.40	40.96
Clayton Lake	4.01	4.26	3.28	2.00*	1.45*	2.85*	1.32	3.02	2.21	2.67	2.53	1.74	31.34
Fort Fairfield	5.44*	4.39*	2.68	2.01	2.61	2.91	2.14	4.06	3.44	5.08	2.51	3.38	40.65
Fort Kent	5.00	4.09	2.00	2.28	2.00	2.59	2.01	2.36	3.55	2.27	3.32	3.75	35.22
Houlton	4.04	4.48	2.77	3.55	2.52	2.33	1.99	2.89	2.21	2.81	3.41	5.71	38.71
Millinocket Lake	4.26	5.20	2.89	1.76	2.01	2.19	2.71	2.91	2.47	2.00	3.90	4.18	36.48
Presque Isle	4.82	4.27	1.82	2.37	1.81	1.92	1.80	3.74	2.75	3.94	2.80	4.64	36.68
Squapan Dam	5.17	4.89	1.92	2.71	2.01	2.85	2.57	3.41	2.65	2.78	4.90	3.90	39.76
<i>St. Croix River Basin</i>													
Eastport	3.26	6.35	3.68	4.56	4.35	3.15	2.57	3.04	1.58	1.00	1.85	6.10	41.49
Grand Lake Stream	3.64	5.72	4.02	2.90	2.18	2.13	2.88	1.68*	1.96*	3.19	2.30*	5.23	37.83
Vaneboro	3.72	5.99	2.93	3.36	2.76	2.60	2.98	3.00*	3.27	5.35	3.00*	6.40	45.36
Woodland	3.59	5.79	4.37	3.45	3.01	2.78	2.79	2.91	2.35	2.23	2.74	6.48	42.49
<i>Union River Basin</i>													
Bar Harbor	4.25	6.77	4.26	4.62	4.95	2.20	2.94	3.16	2.89	1.01	0.53	4.46	42.04
Ellsworth	3.21	5.49	3.85	3.50	2.84	2.30	1.65	2.67	1.92	1.21	0.78	4.19	33.61
<i>Machias River Basin</i>													
Machias	3.45	6.49	3.50	7.75	5.25	2.97	3.17	3.33	1.82	1.02	1.35	6.99	47.09
<i>Penobscot River Basin</i>													
Bangor	2.65	4.96	2.20	3.84	2.60	1.67	3.43	2.96	2.65	1.55	0.61	4.18	33.30
East Sangerville	3.18	6.91	3.10	3.84	2.33	2.30*	3.55	3.48	2.39	3.11	2.04	3.88	40.11
Millinocket	3.73	6.39	3.19	3.98	2.43	2.24	2.75	2.65	3.06	2.68	2.61	3.33	39.04
Milo	3.72	6.16	2.62	4.32	2.55	2.72	3.11	3.14	2.11	2.43	2.41	3.40*	38.69
Old Town	3.26	5.72	2.58	3.95	2.49	2.17	2.82	3.37	2.68	3.56	2.08	4.43	39.11
Ripogenus Dam	4.63	6.19	2.77	3.04	1.81	2.59	3.09	3.58	2.89	4.13	2.63	2.45	39.80
<i>Kennebec River Basin</i>													
Augusta	4.34	6.74	4.16	3.48	1.67	2.15	2.34	3.62	2.51	1.10	1.03	4.53	37.67
Bingham	3.98	7.30	3.59	3.00	2.00	1.73	3.23	3.67	2.31	4.41	3.56	3.77	42.55
Brassua Dam	3.98	5.40	2.80	2.79	2.46	1.35	2.03	2.97	2.22	2.70	3.35	2.38	34.43
Brunswick	3.71	7.30	3.59	3.00	2.00	1.73	3.23	3.67	2.31	4.41	3.56	4.70*	43.21
East Winthrop	3.31	6.38	4.42	4.10	2.81	2.45	3.59	3.09	2.46	1.11	1.03	4.69	39.44
Farmington	3.01	7.98	4.17	3.24	2.77	1.70*	3.27	3.16	3.47	2.57	2.03	3.19	40.56
Gardiner	4.42	7.88	3.90	4.42	2.79	2.24	3.14	3.47	2.30	2.42	0.96	4.00	41.94
Greenville	3.46	6.45	3.74	2.60	2.13	1.88	3.01	3.60	2.91	3.18	2.79	3.33	39.08
Jackman	1.82	5.10	3.52	2.67	1.74	1.49	3.13	2.47	2.64	3.52	2.46	2.64	33.20
Madison	3.09	6.47	3.97	3.00	2.44	1.55	3.06	2.50	2.90	3.42	1.35	3.20	36.95
Moosehead	3.97	5.45	2.14	2.03	2.15	1.63	2.09	2.77	2.26	3.30	3.33	2.92	33.74
Skowhegan	2.90	6.51	4.06	3.40	2.46	1.84	3.32	2.53	2.43	2.67	1.07	3.64	36.83
The Forks	3.19	4.84	2.42	2.81	1.84	1.36	2.28	2.49	1.89	1.78	2.02	2.44	29.36
Winslow	3.82	6.48	3.07	3.48	2.60	1.77	2.94	2.34	3.95	1.92	1.43	3.75	37.55
<i>Androscoggin River Basin</i>													
Azisobos Dam	2.24	5.56	2.48	2.36	2.16	2.57	2.77	3.55	4.13	3.27	2.42	3.11	36.62
Error Dam, N. H.	2.14	6.18	3.11	2.98	2.17	2.40	2.52	3.73	3.37	2.59	1.79	3.57	36.55
Bethel	3.76	6.12		3.10*	1.90*	1.42*	3.22	3.66	1.87	2.85	2.57		
Berlin, N. H.	2.60	4.82	3.98	2.02	1.62	1.67	2.89	2.43	3.34	1.85	2.23	3.21	32.66
Gilead	5.80	4.91	4.25	2.34	1.94	0.93*	3.24	2.56	2.15	3.19	3.65	2.97	37.93
Gorham, N. H.	2.33	5.61	4.77	1.67	1.72	1.74	3.49	2.10	2.92	3.02	3.26	2.91	35.54
Lewiston	3.35	6.77	5.22	4.25	2.67	2.37	4.51	3.00	1.52	1.13	1.96	4.07	40.82
Livermore	2.67	7.57	4.95	3.74	3.15	2.63	3.42	3.06	4.38	1.45	1.94	3.09	42.05
Middle Dam	2.55	5.40	2.69	1.94	1.55	2.49	2.42	2.57	3.98	3.20	1.97	2.59	33.35
Oquossoc	2.63	4.91	3.34	2.13	1.83	1.77	1.75	2.39	3.32	3.02	1.98	2.04	31.11
Pontcook Dam, N. H.	1.80	5.97	2.66	2.46	2.24	2.08	2.34	2.78	4.53	3.25	2.22	2.68	35.01
Roxbury	4.10	6.96	3.02	3.00	2.26	1.11	3.22	3.84	3.95	3.72	2.30	4.01	41.49
Rumford	2.58	5.42	4.32	2.78	2.30	1.31	2.61	2.53	3.58	1.83	2.05	2.47	33.78
South Andover	5.28	6.62	3.69	2.85*	2.58	1.47	3.32	3.09	4.84	2.48	2.86	3.55	42.63
Sunday River	5.27	5.88	4.08	2.99	2.75	1.05	2.98	3.17	5.63	2.35	2.49	2.78	41.42
Upper Dam	2.65	5.81	3.08	2.30	1.92	2.39	2.59	2.78	4.35	3.17	1.48	2.58	35.10
<i>Presumpscot River Basin</i>													
North Bridgton	3.67	7.71	5.83	4.80	2.67	2.11	3.21	3.33	1.33	1.26	2.33	4.36	42.61
Portland	3.34	6.48	3.83	5.00	3.22	2.37	3.71	3.44	2.40	2.07	1.58	6.27	43.71
<i>Saco River Basin</i>													
Hiram	2.87	6.45	4.83	5.24	2.46	1.89	3.79	3.47	1.04	2.91	2.50	3.41	40.86
Pinkham Notch, N. H.	4.66	8.10	5.46	4.15	3.21	2.76	4.82	4.34	3.96	3.20	4.47	5.65	54.78
Swans Falls	2.00*	5.89	5.82	4.21	2.17	1.95	3.23	3.60	1.26	2.79	3.12	3.12	37.11

*Estimated

Per Cent of Time River Flow Duration Tables

The following per cent of time duration tables are an extension of those which appeared in the Twelfth Biennial Report of the Commission and as before are based on daily discharge figures, except those for the gaging stations on Cobbosseecontee Stream and Presumpscot River. Because the flow at these two stations is sometimes shut off on Sundays and holidays, the month seemed a better unit of time to use than the day. These tables can be shown graphically 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 cent of time as abscissas and drawing a smooth curve between the points plotted. Duration curves so obtained are extremely useful in analyzing or comparing the runoff characteristics of different streams and in water power studies of all kinds.

ST. JOHN RIVER AT DICKEY, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 2810 Square Miles

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1946-47	1.90	1.78	.697	.378	.694	.507	2.70	11.90	3.86	2.32	.787	.330	2.34
1947-48	.290	.215	.250	.121	.072	.264	4.56	6.43	.893	.579	.541	.214	1.21
1948-49	1.01	1.46	1.06	.419	.237	.379	5.92	3.08	.967	.322	.298	.545	1.31

ST. JOHN RIVER AT DICKEY, MAINE
Per Cent of Time Duration Table
Drainage Area, 2810 Square Miles

Sec. ft. per Sq. mile	1946-47	1947-48	1948-49	Mean 3-year period ended Sept. 30, 1949
0.05		99.2	100.0	99.7
.1		81.4	96.7	92.7
.15	100.0	70.8	94.2	88.3
.2	98.4	65.0	86.0	83.1
.3	96.4	50.5	70.1	72.3
.4	82.5	38.8	57.8	59.7
.5	72.6	32.5	51.8	52.3
.6	64.1	28.7	46.6	46.5
.7	57.0	26.5	41.6	41.7
.8	52.3	23.5	37.8	37.9
.9	49.3	22.1	36.2	35.9
1.0	46.0	20.5	34.8	33.8
1.1	43.3	19.4	31.2	31.3
1.2	40.5	18.6	28.2	29.1
1.3	38.1	17.5	26.0	27.2
1.4	36.4	17.5	24.9	26.3
1.5	33.7	17.2	23.6	24.8
1.6	32.6	16.9	21.9	23.8
1.75	30.1	16.9	20.8	22.6
1.9	28.5	16.7	19.5	21.6
2.05	27.7	16.4	18.1	20.7
2.25	26.3	15.8	16.4	19.5
2.5	25.8	15.6	15.6	19.0
2.75	24.1	15.3	13.2	17.5
3.0	21.4	15.3	12.1	16.3
3.5	18.4	13.4	10.7	14.2
4.0	15.9	13.4	10.1	13.1
4.5	12.6	11.2	9.3	11.0
5.0	11.8	9.3	6.8	9.3
7.0	8.2	3.3	3.0	4.8
10.0	6.3	.8	.3	2.5
15.0	1.9	0	0	.6
25.0	0			0

Mean flow for 3-year period ended Sept. 30, 1949—1.62 sec. ft. per sq. mile.

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.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	1.57	.931	.507	.374	.318	.793	3.88	7.20	1.25	.689	.650	.361	1.55
1946-47	1.22	1.31	.744	.378	.693	.615	2.61	11.27	3.83	1.78	1.02	.374	2.17
1947-48	.277	.240	.248	.153	.099	.227	3.82	6.24	1.34	.818	.610	.289	1.20
1948-49	.945	1.42	1.24	.530	.344	.462	5.03	3.41	1.48	.670	.338	.511	1.37

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. mile	1945-46	1946-47	1947-48	1948-49	Mean 23-year period ended Sept. 30, 1949
0.05			100.0		100.0
.1			90.2		99.6
.15	100.0		81.7	100.0	97.9
.2	99.7	100.0	72.1		94.6
.3	93.2		50.5		82.7
.4	68.8	86.8	43.2		72.5
.5	61.1	81.6	39.3		65.5
.6	53.2	71.8	35.5		58.6
.7	47.1	59.7	28.7		52.1
.8	43.8	54.2	27.0		48.2
.9	41.9	47.9	24.9		44.1
1.0	35.9	43.3	23.2		40.6
1.1	33.4	40.5	21.9		37.6
1.2	31.8	38.1	21.3		35.2
1.3	29.9	35.1	20.2		33.1
1.4	28.8	32.1	19.1		30.9
1.5	27.4	31.0	18.6		29.4
1.6	26.6	29.9	17.2		27.9
1.75	23.8	28.5	16.7		25.9
1.9	20.3	26.6	16.7		23.8
2.05	17.8	25.5	16.7		22.0
2.25	15.9	24.4	16.7		20.1
2.5	14.2	23.0	16.4		18.0
2.75	12.6	22.7	16.1		16.4
3.0	11.5	20.8	15.6		14.8
3.5	9.3	17.3	14.8		11.9
4.0	8.8	14.2	11.2		9.9
4.5	8.5	11.2	8.7		8.6
5.0	8.2	9.3	7.9		7.5
7.0	7.1	6.8	2.5		4.7
10.0	1.6	6.0	.3	0	2.4
15.0	0	1.1	0		4.3
25.0		0			0

Mean flow for 23-year period ended Sept. 30, 1949—1.67 sec. ft. per sq. mile.

ALLAGASH RIVER NEAR ALLAGASH, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 1250 Square Miles

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	1.38	.797	.418	.369	.322	.475	2.48	7.19	1.38	1.53	.737	.461	1.47
1946-47	.593	.890	.739	.357	.680	.682	2.51	9.36	3.64	1.17	1.49	.487	1.89
1947-48	.252	.223	.229	.154	.095	.193	2.04	5.47	1.33	1.37	.745	.286	1.04
1948-49	.574	1.28	1.27	.566	.419	.661	4.35	3.12	1.74	.658	.256	.246	1.26

ALLAGASH RIVER NEAR ALLAGASH, MAINE
Per Cent of Time Duration Table
Drainage Area, 1250 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean ended Sept. 30, 1950
0.05			100.0		100.0
.1			89.1	100.0	99.4
.15			79.2	97.8	96.7
.2	100.0	100.0	68.0	93.4	91.1
.3	94.2	97.8	51.9	84.1	81.9
.4	67.9	85.5	44.3	71.5	71.2
.5	60.3	80.0	40.4	63.0	64.0
.6	57.0	74.8	37.4	52.6	58.0
.7	53.2	61.4	34.7	44.1	52.3
.8	48.2	51.8	30.1	43.3	47.5
.9	43.3	43.6	28.4	41.6	43.5
1.0	38.9	38.6	27.0	40.3	39.7
1.1	36.2	34.8	24.3	39.2	36.8
1.2	34.0	31.2	23.0	38.1	34.3
1.3	32.1	29.6	22.1	35.3	32.0
1.4	29.0	26.8	19.7	29.6	29.6
1.5	27.1	25.5	18.9	26.6	27.8
1.6	22.7	24.9	18.6	23.8	26.4
1.75	18.1	23.8	17.2	20.3	24.2
1.9	15.9	23.6	16.1	17.8	22.4
2.05	14.0	22.7	14.8	16.4	20.8
2.25	12.3	22.5	13.7	14.0	18.8
2.5	11.0	21.9	12.6	13.2	16.5
2.75	10.1	21.6	11.2	11.8	14.6
3.0	9.0	18.6	9.8	11.5	13.3
3.5	8.5	14.5	8.2	10.4	10.9
4.0	7.9	11.0	6.8	7.9	9.1
4.5	7.7	9.3	5.5	4.7	7.7
5.0	7.7	7.9	5.2	2.7	6.6
7.0	6.3	6.8	1.4	.5	3.7
10.0	.8	5.2	0	0	1.4
15.0	0	0			.1
25.0					0

Mean flow for 18-year period ended Sept. 30, 1949—1.53 sec. ft. per sq. mile.

FISH RIVER NEAR FORT KENT, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 871 Square Miles

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	1.15	.994	.682	.506	.386	.603	2.93	7.62	1.89	.772	.396	.313	1.53
1946-47	.216	.639	.943	.340	.719	.804	2.50	9.23	4.02	1.09	.479	.251	1.78
1947-48	.154	.319	.348	.233	.137	.201	3.09	5.80	2.21	.672	.606	.323	1.18
1948-49	.859	1.42	1.45	.838	.458	.441	4.36	3.91	1.73	1.09	.392	.226	1.43

FISH RIVER NEAR FORT KENT, MAINE
Per Cent of Time Duration Table
Drainage Area, 871 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 20-year period ended Sept. 30, 1949
0.05			100.0		100.0
.1	100.0	100.0	94.3		99.5
.15	98.9	97.5	84.7	100.0	98.2
.2	97.8	94.5	75.7		94.5
.3	93.4	80.0	61.7		85.1
.4	83.8	71.2	48.4		73.8
.5	67.9	64.9	39.6		65.6
.6	58.9	62.2	33.3		59.1
.7	54.0	59.7	30.3		53.8
.8	47.4	45.5	28.1		48.5
.9	40.3	37.0	25.1		43.3
1.0	35.6	29.6	24.3		39.5
1.1	30.4	27.7	23.0		37.0
1.2	26.8	26.6	22.7		35.2
1.3	24.7	25.8	21.6		33.1
1.4	23.3	24.7	21.0		31.1
1.5	22.5	23.8	20.5		29.1
1.6	21.6	23.3	19.9		27.4
1.75	20.0	22.7	19.4		25.5
1.9	18.6	22.5	19.1		23.2
2.05	14.8	21.9	18.6		21.2
2.25	14.0	21.6	17.8		19.2
2.5	13.2	21.1	16.7		17.1
2.75	12.3	20.0	15.0		15.2
3.0	11.5	19.7	14.2		14.1
3.5	10.7	15.6	12.8		11.9
4.0	9.9	12.6	12.0		10.1
4.5	9.0	9.9	10.7		8.4
5.0	8.8	9.0	9.3		7.4
7.0	7.1	7.1	0	0	3.6
10.0	0	4.7			.8
15.0		0			0

Mean flow for 20-year period ended Sept. 30 1949—1.54 sec. ft. per sq. mile.

AROOSTOOK RIVER AT WASHBURN, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 1620 Square Miles
Observed Discharge

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46.	1.32	1.21	.552	.452	.342	.907	4.72	6.02	.874	.701	.516	.374	1.51
1946-47	.344	.911	.773	.400	.780	.638	2.93	9.14	2.85	.912	.606	.376	1.73
1947-48	.318	.290	.217	.103	.063	.200	3.97	4.94	1.14	.350	.302	.256	1.01
1948-49	.772	1.75	1.32	.799	.507	.920	6.36	2.53	.848	.420	.264	.242	1.39

Flow Adjusted for Storage

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	1.34	1.19	.518	.425	.298	.757	4.83	6.19	.865	.669	.462	.306	1.49
1946-47	.283	.911	.777	.354	.790	.656	3.06	9.35	2.83	.819	.494	.228	1.72
1947-48	.064	.295	.197	.103	.060	.204	4.27	5.22	1.16	.262	.254	.127	1.02
1948-49	.740	1.90	1.39	.793	.333	.731	6.77	2.61	.862	.349	.259	.250	1.42

AROOSTOOK RIVER AT WASHBURN, MAINE
Per Cent of Time Duration Table
Drainage Area, 1620 Square Miles

Sec ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 19-year period ended Sept. 30, 1949
0.05			98.6	100.0	99.9
.1			80.3	98.9	98.6
.15			71.9	96.7	96.9
.2	100.0	100.0	64.5	95.1	92.5
.3	90.4	94.2	49.7	85.5	79.9
.4	80.0	81.6	34.7	76.2	67.4
.5	65.8	66.6	28.1	67.4	57.1
.6	58.4	58.1	23.8	50.4	49.5
.7	51.8	52.9	21.9	44.1	45.1
.8	45.8	46.6	21.0	40.0	40.8
.9	38.4	38.4	21.0	37.5	37.2
1.0	33.2	31.5	20.5	34.2	34.1
1.1	30.1	27.7	19.9	32.9	31.6
1.2	28.5	25.2	19.4	31.0	29.6
1.3	26.6	24.7	19.1	28.8	27.7
1.4	24.7	24.1	18.9	26.3	26.2
1.5	22.2	23.3	18.3	24.7	24.5
1.6	20.0	22.5	17.8	22.7	23.2
1.75	18.1	21.9	17.8	20.3	21.9
1.9	17.0	20.5	16.9	18.9	20.2
2.05	15.3	20.5	16.7	17.5	19.0
2.25	14.5	20.0	16.4	16.4	17.6
2.5	13.7	20.0	15.8	14.5	16.2
2.75	12.6	18.6	15.3	14.0	15.0
3.0	11.5	18.1	15.0	12.9	13.7
3.5	10.1	15.3	13.1	11.2	11.6
4.0	9.6	10.1	10.1	10.7	10.0
4.5	8.8	8.2	8.5	10.1	8.7
5.0	8.2	7.1	5.2	8.8	7.7
7.0	4.4	5.8	.8	1.6	4.3
10.0	1.9	2.7	0	0	1.9
15.0	0	1.1			.4
25.0		0			0

Mean flow for 19-year period ended Sept. 30, 1949—1.52 sec. ft. per sq. mile.

MEDUXNEKEAG RIVER NEAR HOULTON, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 175 Square Miles

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	1.09	1.57	1.03	.851	.600	3.61	4.44	3.12	.571	.190	.053	.039	1.43
1946-47	.098	.571	.806	.383	1.18	1.07	5.31	6.39	2.13	1.71	.571	.306	1.71
1947-48	.127	.372	.265	.118	.106	.669	4.50	4.08	1.02	.229	.107	.059	0.971
1948-49	.439	2.02	1.48	1.78	.563	1.73	5.73	1.42	.522	.219	.084	.411	1.37

MEDUXNEKEAG RIVER NEAR HOULTON, MAINE
Per Cent of Time Duration Table
Drainage Area, 175 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 8-year period ended Sept. 30, 1949
0.05	88.2	98.9	94.0	98.9	96.9
.1	82.7	95.9	73.8	91.0	88.7
.15	78.9	91.5	58.5	87.7	80.9
.2	77.8	86.8	46.7	81.9	75.8
.3	74.2	78.6	39.1	71.0	68.7
.4	72.1	69.0	34.2	64.7	62.2
.5	69.6	64.9	30.3	57.3	56.4
.6	61.1	59.2	27.3	52.9	51.1
.7	56.4	55.6	25.4	49.0	46.8
.8	52.3	50.1	24.6	43.6	42.2
.9	48.2	46.3	24.3	40.5	39.2
1.0	44.1	42.2	23.5	37.3	36.1
1.1	39.7	40.8	22.7	34.8	33.7
1.2	36.4	37.0	21.9	32.1	31.4
1.3	33.2	34.0	21.0	30.7	29.6
1.4	30.4	32.3	20.8	29.3	28.1
1.5	28.8	29.3	20.2	27.4	26.5
1.6	27.9	28.8	18.9	25.8	25.4
1.75	24.7	25.8	18.0	24.1	23.5
1.9	23.8	22.7	17.5	23.0	21.6
2.05	21.9	21.6	16.9	20.5	20.0
2.25	19.7	20.0	16.1	17.5	18.1
2.5	18.1	16.4	14.2	14.8	15.9
2.75	16.4	15.3	12.8	12.9	14.6
3.0	14.8	12.3	11.2	12.6	12.9
3.5	12.3	11.2	9.3	10.1	10.7
4.0	9.9	10.7	8.5	8.5	9.2
4.5	7.1	9.3	6.0	7.9	7.4
5.0	4.7	8.8	4.6	6.6	6.2
7.0	1.4	3.3	1.4	2.7	3.3
10.0	.5	1.9	.5	.3	1.5
15.0	0	1.1	0	0	.4
25.0		.5			.1
40.0		0			0

Mean flow for 8-year period ended Sept. 30, 1949—1.43 sec. ft. per sq. mile.

ST. CROIX RIVER AT VANCEBORO, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 435 Square Miles
Observed Discharge

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	.526	.740	1.88	1.80	.970	.968	.515	3.29	1.94	2.83	1.48	1.70	1.56
1946-47	1.16	.768	1.01	.963	1.26	.697	.469	2.29	2.90	3.13	2.12	1.55	1.53
1947-48	3.06	1.70	.991	.674	.510	.441	.290	.674	1.86	3.23	2.19	.943	1.39
1948-49	.520	.492	.517	1.09	2.28	1.09	.347	1.37	2.45	2.52	1.80	.814	1.27

ST. CROIX RIVER AT VANCEBORO, MAINE
Per Cent of Time Duration Table
Drainage Area, 435 Square Miles

Sec. ft. per Sq. mile.	1945-46	1946-47	1947-48	1948-49	Mean 20-year period ended Sept. 30, 1949
0.05					99.2
.1					98.6
.15					98.2
.2	100.0	100.0	100.0	100.0	96.5
.3	99.5	98.4	94.0	90.7	91.4
.4	88.8	94.5	86.3	78.6	86.0
.5	72.1	85.5	78.4	71.2	81.0
.6	71.5	80.5	71.6	64.9	77.7
.7	70.1	77.5	61.5	59.7	72.3
.8	64.4	71.8	56.0	54.2	68.1
.9	62.7	68.2	51.6	53.2	64.2
1.0	56.2	55.1	48.4	51.8	59.8
1.1	54.8	46.6	45.1	49.9	55.8
1.2	52.6	41.6	42.6	44.9	52.8
1.3	50.7	37.0	38.5	42.7	48.8
1.4	47.9	33.7	35.5	40.8	46.0
1.5	44.7	31.8	34.4	37.5	42.9
1.6	42.2	30.4	33.3	34.8	39.5
1.75	37.3	26.3	31.4	31.8	33.4
1.9	35.3	25.2	29.2	29.3	30.4
2.05	34.0	20.5	27.6	27.1	24.9
2.25	29.9	19.5	24.0	22.5	20.9
2.5	23.8	17.0	19.7	13.4	16.0
2.75	20.3	16.4	15.3	6.0	12.5
3.0	12.6	14.5	9.8	1.4	8.8
3.5	5.2	13.4	4.6	0	5.0
4.0	2.7	9.3	2.5		3.1
4.5	0	2.2	.8		1.9
5.0		.8	0		1.2
7.0		0			.5
10.0					0

Mean flow for 20-year period ended Sept. 30, 1949—1.50 sec. ft. per sq. mile.

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

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	1.29	1.43	1.34	1.28	1.27	2.55	2.40	2.84	1.50	1.59	1.22	.990	1.64
1946-47	.830	.650	.704	.911	1.62	1.46	2.22	3.27	3.16	2.23	1.59	1.37	1.67
1947-48	1.53	1.08	.630	.476	.434	.758	1.72	2.29	1.71	1.72	1.28	.769	1.20
1948-49	.589	.635	.967	1.91	1.53	1.46	2.11	1.72	1.55	1.30	1.07	.635	1.29

ST. CROIX RIVER NEAR BAILEYVILLE, MAINE
Per Cent of Time Duration Table
Drainage Area, 1320 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 29-year period ended Sept. 30, 1949
0.05					
.1					
.15					
.2			100.0	100.0	100.0
.3	100.0	100.0	99.5	99.7	99.9
.4	99.7	99.5	96.4	98.9	99.3
.5	98.6	98.9	80.6	92.9	97.7
.6	97.3	95.3	72.7	84.9	94.8
.7	96.7	84.1	68.3	80.0	91.2
.8	94.5	76.2	63.1	75.9	86.2
.9	92.1	72.1	58.2	73.4	81.2
1.0	87.1	67.7	53.3	63.6	74.6
1.1	79.7	63.8	50.8	58.4	67.1
1.2	73.7	59.7	47.3	54.8	58.6
1.3	67.7	54.8	41.8	50.7	51.0
1.4	60.8	50.4	39.6	44.7	44.1
1.5	49.3	48.5	38.3	38.1	38.4
1.6	38.6	44.1	35.2	33.2	32.2
1.75	24.4	33.4	25.1	20.3	24.9
1.9	18.4	24.1	10.4	8.2	19.7
2.05	15.9	20.0	2.5	4.4	15.4
2.25	14.0	18.1	2.2	3.6	12.4
2.5	12.6	14.2	2.2	2.5	10.5
2.75	10.4	10.4	1.9	1.6	9.1
3.0	9.6	8.5	1.6	1.6	8.0
3.5	4.4	6.3	1.6	1.1	5.9
4.0	1.9	5.2	.8	0	4.4
4.5	1.6	4.4	.5		3.3
5.0	.8	3.3	.5		2.5
7.0	0	1.4	0		.8
10.0		0			.1
15.0					0

Mean flow for 29-year period ended Sept. 30, 1949—1.59 sec. ft. per sq. mile.

GRAND LAKE STREAM AT GRAND LAKE STREAM, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 224 Square Miles

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	1.87	.178	.091	1.37	2.22	.955	.377	.352	2.20	3.51	1.76	1.90	1.39
1946-47	1.67	1.15	1.20	1.33	.621	.554	.661	.594	2.77	1.86	2.41	3.07	1.49
1947-48	3.97	1.85	1.11	.821	.629	.435	.297	.656	2.62	2.67	1.73	.964	1.49
1948-49	.567	.567	.937	1.06	1.75	1.22	.312	2.30	2.55	1.41	.763	.460	1.16

GRAND LAKE STREAM AT GRAND LAKE STREAM, MAINE
Per Cent of Time Duration Table
Drainage Area, 224 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 20-year period ended Sept. 30, 1949
0.05	94.5				99.7
.1	88.2		97.0		98.4
.15	82.5		95.9		97.8
.2	78.4		95.9	100.0	96.2
.3	72.9	100.0	90.7	91.2	93.1
.4	67.9	98.9	85.8	86.8	87.6
.5	58.4	92.1	78.7	73.2	79.8
.6	56.4	77.5	73.5	63.0	69.1
.7	49.9	63.6	68.6	57.0	61.1
.8	47.9	58.6	62.3	52.6	57.0
.9	47.9	53.7	56.8	48.8	54.0
1.0	47.1	53.7	52.2	42.2	51.5
1.1	45.8	49.3	48.9	39.2	47.7
1.2	45.5	41.1	46.4	38.4	41.9
1.3	45.2	38.4	44.3	36.2	39.4
1.4	44.9	25.8	42.1	32.1	35.9
1.5	41.6	24.4	39.3	28.5	33.3
1.6	40.3	23.0	33.6	25.8	31.2
1.75	38.4	19.7	30.9	20.8	27.8
1.9	36.4	18.9	29.5	17.5	25.0
2.05	33.7	14.5	26.8	13.4	22.4
2.25	28.8	14.5	23.8	9.9	19.0
2.5	22.2	14.5	19.7	7.7	15.5
2.75	18.6	13.4	15.8	6.3	12.8
3.0	15.9	12.6	12.0	5.8	10.9
3.5	7.1	9.9	6.6	3.8	6.9
4.0	3.8	9.3	3.6	1.1	4.5
4.5	2.2	6.8	3.3	0	2.8
5.0	.8	6.6	2.2		2.0
7.0	0	.8	0		.3
10.0		0			0

Mean flow for 20-year period ended Sept. 30, 1949—1.50 sec. ft. per sq. mile.

MACHIAS RIVER AT WHITNEYVILLE, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 457 Square Miles.

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	1.37	2.23	1.63	1.71	1.45	3.83	5.02	2.99	.753	.326	.315	.218	1.82
1946-47	.335	.744	1.24	.930	2.56	2.49	3.50	5.26	3.46	2.60	.584	.293	2.00
1947-48	.792	.707	.527	.319	.460	1.52	2.75	5.27	1.83	.593	.280	.179	1.27
1948-49	.374	1.60	1.25	3.46	1.41	2.11	4.01	2.54	.705	.278	.199	.328	1.52

MACHIAS RIVER AT WHITNEYVILLE, MAINE
Per Cent of Time Duration Table
Drainage Area, 457 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 20-year period ended Sept. 30, 1949
0.05	100.0				100.0
.1	99.7				99.8
.15	99.5		100.0	100.0	98.8
.2	96.2		89.3	86.8	90.6
.3	86.6		89.9	74.0	96.8
.4	74.0		80.8	55.5	84.8
.5	71.8		77.0	47.8	79.7
.6	70.1		70.7	41.5	74.1
.7	66.8		67.7	37.4	68.8
.8	63.3		65.2	33.9	64.6
.9	61.6		63.0	31.4	60.2
1.0	59.7		58.6	30.3	56.0
1.1	54.5		54.8	29.5	51.7
1.2	49.9		52.3	27.6	48.0
1.3	48.2		50.1	27.0	44.7
1.4	44.7		48.5	26.5	41.7
1.5	42.5		45.2	25.7	38.6
1.6	39.7		44.9	24.3	36.1
1.75	36.4		42.2	22.7	32.8
1.9	33.4		37.8	21.6	30.1
2.05	30.7		33.4	21.0	27.6
2.25	29.0		31.0	19.4	24.6
2.5	26.3		27.7	17.8	22.0
2.75	24.7		23.8	13.4	19.4
3.0	24.1		21.9	12.0	17.9
3.5	19.5		17.5	8.5	14.7
4.0	15.6		13.4	7.1	12.2
4.5	11.2		10.4	5.5	10.0
5.0	4.4		7.1	4.6	7.7
7.0	1.1		3.0	1.9	2.9
10.0	0		.8	1.1	.9
15.0			.3	.3	.1
25.0			0	0	0

Mean flow for 12-year period ended Sept. 30, 1921—2.28 sec. ft. per sq. mile.
Mean flow for 20-year period ended Sept. 30, 1949—1.86 sec. ft. per sq. mile.

EAST MACHIAS RIVER NEAR EAST MACHIAS, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 251 Square Miles

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	.797	2.16	2.69	1.74	1.71	3.82	4.41	3.82	1.22	.356	.123	.070	1.91
1946-47	.085	.276	1.06	1.20	2.79	2.79	3.13	4.39	3.86	2.01	.586	.139	1.85
1947-48	.062	.161	.578	.482	.562	1.54	3.54	4.36	2.37	.701	.269	.109	1.23
1948-49	.121	1.26	1.38	3.85	1.41	1.85	4.23	1.76	.837	.364	.150	.120	1.44

EAST MACHIAS RIVER NEAR EAST MACHIAS, MAINE
Per Cent of Time Duration Table
Drainage Area, 251 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 22-year period ended Sept. 30, 1949
0.05	100.0	100.0	95.9	100.0	99.8
.1	91.8	94.2	86.1	90.1	97.6
.15	84.4	82.7	77.9	81.6	93.1
.2	83.0	80.0	76.5	76.4	90.9
.3	80.3	75.6	70.2	71.8	87.9
.4	77.3	74.5	67.5	65.8	85.2
.5	74.0	73.2	55.5	63.8	81.5
.6	72.1	71.2	44.0	60.0	76.9
.7	71.0	67.4	36.3	59.5	73.6
.8	67.9	64.7	31.7	58.1	69.8
.9	65.2	61.6	29.2	57.5	66.3
1.0	59.7	58.6	27.9	55.3	63.0
1.1	57.3	56.2	27.3	53.4	59.3
1.2	56.7	54.8	26.8	50.4	56.3
1.3	55.1	53.4	26.2	46.3	53.4
1.4	52.9	52.9	26.0	39.7	50.1
1.5	50.7	51.0	25.7	33.7	47.3
1.6	47.4	50.1	25.7	29.9	45.4
1.75	42.7	45.5	24.9	26.0	41.6
1.9	38.1	42.5	24.3	23.3	38.6
2.05	34.8	39.7	24.0	22.5	36.0
2.25	31.5	37.3	21.3	20.8	32.6
2.5	30.1	35.3	18.6	18.1	29.1
2.75	29.3	32.1	16.7	16.7	25.3
3.0	27.9	27.9	14.5	15.3	22.5
3.5	25.5	17.0	10.4	13.4	17.2
4.0	17.8	7.9	6.3	8.2	13.1
4.5	7.9	5.8	4.6	5.8	9.8
5.0	4.4	4.1	3.6	3.3	7.6
7.0	0	0	1.9	0	3.3
10.0			0		6
15.0					0

Mean flow for 22-year period ended Sept. 30, 1949—1.91 sec. ft. per sq. mile.

WEST BRANCH UNION RIVER AT AMHERST, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 148 Square Miles

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	.764	1.77	1.39	1.32	1.10	3.89	3.75	2.84	.885	.188	.099	.151	1.51
1946-47	.478	1.02	1.32	.953	2.55	2.46	4.21	5.20	2.96	1.95	.469	.142	1.97
1947-48	.094	.364	.489	.260	.276	1.49	3.74	3.76	1.20	.303	.131	.045	1.01
1948-49	.096	1.39	1.06	3.05	.784	1.62	3.99	1.41	.770	.291	.076	.061	1.22

WEST BRANCH UNION RIVER AT AMHERST, MAINE
Per Cent of Time Duration Table
Drainage Area, 148 Square Miles

Sec. ft. per Sq. mile.	1945-46	1946-47	1947-48	1948-49	Mean 20-year period ended Sept. 30, 1949
0.05	100.0		100.0	100.0	99.7
.1	99.7		94.3	93.2	95.4
.15	94.0	100.0	82.8	82.2	90.5
.2	86.6	94.5	74.9	72.9	85.3
.3	79.7	91.2	66.4	71.0	79.2
.4	75.6	86.6	49.2	69.3	74.0
.5	74.0	82.2	39.9	65.5	68.5
.6	72.9	78.9	33.6	63.0	63.9
.7	70.1	74.8	30.6	59.7	59.7
.8	66.3	70.7	29.5	52.9	56.1
.9	60.3	67.4	28.4	48.5	51.6
1.0	56.4	63.8	27.6	42.5	47.9
1.1	53.2	61.9	27.0	38.4	44.9
1.2	47.1	59.7	26.0	33.7	42.3
1.3	44.1	55.6	25.1	31.5	40.2
1.4	41.4	53.7	23.2	29.9	37.9
1.5	37.0	52.1	22.7	27.9	35.9
1.6	34.5	47.9	21.3	26.6	33.6
1.75	33.4	45.2	21.0	24.9	30.9
1.9	30.4	41.1	20.2	22.7	27.9
2.05	29.3	37.0	19.7	20.8	25.7
2.25	27.7	35.3	17.2	19.5	22.9
2.5	25.8	32.3	16.4	16.7	20.6
2.75	23.8	29.3	15.6	14.5	18.7
3.0	21.9	26.3	13.9	13.7	17.2
3.5	18.9	22.2	13.4	13.4	14.8
4.0	12.1	16.4	7.7	11.0	11.8
4.5	7.1	12.9	5.7	8.8	9.3
5.0	3.8	7.7	4.1	4.7	7.3
7.0	2.2	5.5	3.6	2.5	4.1
10.0	0	2.2	.8	0	1.2
15.0		1.4	0		.4
25.0		0			0

Mean flow for 20-year period ended Sept. 30, 1949—1.79 sec. ft. per sq. mile.

PENOBSCOT RIVER NEAR MATTAWAMKEAG, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 3310 Square Miles
Observed Discharge

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	1.49	1.48	1.38	1.44	1.31	2.17	2.63	3.06	1.50	1.38	1.31	1.38	1.71
1946-47	1.28	1.37	1.26	1.23	1.52	1.58	2.47	5.47	3.18	1.65	1.37	1.40	1.98
1947-48	1.37	1.13	.974	.866	.824	1.06	2.37	2.85	1.71	1.24	1.23	1.15	1.40
1948-49	1.05	1.56	1.29	1.45	1.25	1.51	2.70	1.72	1.43	1.09	.998	.981	1.42

Flow Adjusted for Storage

1945-46	1.84	1.41	.821	.522	.389	2.13	4.67	4.85	1.02	.531	.288	.224	1.56
1946-47	.983	1.28	1.26	.610	1.40	1.22	4.13	9.02	3.19	1.47	.620	.038	2.11
1947-48	.265	.232	.286	.188	.267	.653	4.33	5.92	1.30	.361	.264	-.009	1.17
1948-49	.583	2.24	1.57	1.27	.603	.860	5.38	2.70	.797	.302	.173	.061	1.38

PENOBSCOT RIVER NEAR MATTAWAMKEAG, MAINE
Per Cent of Time Duration Table
Drainage Area, 3310 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 9-year period ended Sept. 30, 1949
0.05					
.1					
.15					
.2					
.3					
.4					
.5					
.6					
.7					
.8					
.9					
1.0	100.0	99.5	82.2	91.2	92.2
1.1	99.7	97.8	71.0	85.2	84.8
1.2	98.6	95.1	62.0	74.5	75.7
1.3	91.2	86.0	50.0	60.8	64.8
1.4	76.7	74.0	39.6	49.3	53.0
1.5	62.2	59.7	32.2	37.3	42.6
1.6	43.8	48.2	25.7	31.2	33.7
1.75	33.7	39.7	22.4	25.5	27.9
1.9	28.8	32.3	20.5	20.0	23.1
2.05	21.1	24.7	18.3	13.4	17.9
2.25	17.5	21.9	16.1	10.1	15.0
2.5	15.3	20.3	9.8	7.4	11.7
2.75	12.9	20.0	6.6	5.2	9.2
3.0	10.1	17.5	4.1	3.6	7.4
3.5	7.4	15.3	3.0	2.5	6.1
4.0	3.8	11.5	2.7	1.6	4.5
4.5	1.6	7.9	1.1	0	2.8
5.0	.8	5.2	.5		1.6
7.0	.5	4.4	.5		1.1
10.0	0	2.2	0		.4
		0			0

Mean flow for 9-year period ended Sept. 30, 1949—1.56 sec. ft. per sq. mile.

PENOBSCOT RIVER AT WEST ENFIELD, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 6600 Square Miles
Observed Discharge

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	1.57	1.67	1.33	1.21	1.06	2.66	3.72	3.71	1.19	.878	.776	.780	1.72
1946-47	1.09	1.34	1.25	1.04	1.71	1.79	3.75	6.05	3.07	1.75	1.04	.842	2.06
1947-48	.764	.756	.658	.546	.523	1.03	3.53	4.06	1.41	.844	.786	.655	1.30
1948-49	.738	2.00	1.36	1.98	1.03	1.50	3.96	1.75	1.12	.780	.633	.694	1.46

Flow Adjusted for Storage

1945-46	1.78	1.63	1.05	.696	.576	2.69	4.78	4.59	.950	.442	.258	.199	1.64
1946-47	.958	1.29	1.25	.733	1.64	1.58	4.62	7.84	3.09	1.66	.637	.014	2.12
1947-48	.167	.331	.315	.197	.226	.805	4.60	5.61	1.20	.393	.263	.045	1.18
1948-49	.495	2.42	1.51	1.82	.764	1.12	5.39	2.24	.785	.345	.199	.224	1.44

PENOBSCOT RIVER AT WEST ENFIELD, MAINE
Per Cent of Time Duration Table
Drainage Area, 6600 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 37-year period ended Sept. 30, 1949
0.05					
.1					
.15					
.2					
.3					
.4					
.5					100.0
.6					99.9
.7	100.0	100.0	100.0	100.0	97.2
.8					90.2
.9					79.4
1.0					68.4
1.1					59.3
1.2					50.9
1.3					45.6
1.4					40.7
1.5					37.1
1.6					33.7
1.75					33.7
1.9					31.5
2.05					28.2
2.25					25.4
2.5					23.0
2.75					20.4
3.0					17.7
3.5					15.4
4.0					13.5
4.5					10.6
5.0					8.7
7.0					6.7
10.0					5.4
15.0					1.7
25.0					.3
					.1
					0

Mean flow for 37-year period ended Sept. 30, 1949—1.73 sec. ft. per sq. mile.

PENOBSCOT RIVER AT PASSADUMKEAG, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 7000 Square Miles
Observed Discharge

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	1.53	1.65	1.31	1.19	1.06	2.65	3.67	3.65	1.23	.858	.747	.755	1.70
1946-47	1.04	1.29	1.23	1.01	1.70	1.79	3.72	6.07	3.05	1.80	1.03	.816	2.05
1947-48	.742	.756	.654	.536	.513	1.03	3.47	4.02	1.38	.814	.741	.628	1.27
1948-49	.713	1.92	1.33	1.99	1.01	1.49	3.93	1.76	1.13	.756	.604	.666	1.44

Flow Adjusted for Storage

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	1.73	1.61	1.04	.711	.607	2.68	4.67	4.48	1.00	.446	.259	.207	1.63
1946-47	.924	1.24	1.23	.721	1.64	1.59	4.53	7.76	3.06	1.72	.644	.156	2.10
1947-48	.263	.481	.330	.207	.233	.823	4.48	5.48	1.19	.389	.266	.054	1.17
1948-49	.483	2.32	1.47	1.83	.760	1.13	5.28	2.22	.812	.346	.195	.223	1.42

PENOBSCOT RIVER AT PASSADUMKEAG, MAINE
Per Cent of Time Duration Table
Drainage Area, 7000 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 10-year period ended Sept. 30, 1949
0.05					
.1					
.15					
.2					
.3					
.4					
.5				100.0	100.0
.6				97.8	99.7
.7	100.0	100.0	75.7	94.2	96.0
.8	94.8	99.7	56.0	78.6	85.6
.9	84.7	95.9	38.5	70.4	73.3
1.0	77.5	81.9	30.1	64.7	63.1
1.1	69.9	71.8	25.7	53.2	53.0
1.2	59.2	67.1	24.9	42.5	46.2
1.3	52.1	61.1	24.3	36.2	41.4
1.4	47.1	57.3	23.5	34.2	37.5
1.5	40.8	51.5	22.7	32.1	33.7
1.6	37.3	45.8	21.9	29.6	30.9
1.75	33.7	43.0	21.9	28.2	28.6
1.9	29.6	37.8	20.5	25.8	26.0
2.05	25.2	33.2	19.1	23.0	23.3
2.25	22.7	30.4	18.6	20.8	21.4
2.5	21.1	27.7	17.8	17.8	19.1
2.75	19.7	22.2	15.3	14.8	16.1
3.0	17.0	21.1	13.1	11.2	14.1
3.5	15.1	19.5	11.5	10.4	12.5
4.0	9.3	14.8	6.8	8.2	9.0
4.5	6.8	12.9	4.6	4.7	7.5
5.0	3.3	8.8	3.0	1.9	5.4
7.0	2.7	4.9	2.5	0	4.3
10.0	.3	2.2	.8		1.3
15.0	0	1.1	0		.2
		0			0

Mean flow for 10-year period ended Sept. 30, 1949—1.61 sec. ft. per sq. mile.

EAST BRANCH PENOBSCOT RIVER AT GRINDSTONE, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 1070 Square Miles
Observed Discharge

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	1.12	.916	.836	1.16	.933	2.89	3.63	4.82	1.23	.764	.560	.867	1.65
1946-47	.666	.928	.998	.723	1.67	1.85	3.21	7.25	3.34	1.57	.632	.330	1.97
1947-48	.898	.571	.334	.238	.202	.688	4.11	4.67	1.66	.651	.784	.609	1.29
1948-49	.785	1.76	1.38	1.60	1.00	1.44	4.47	2.12	1.17	.402	.500	.649	1.44

Flow Adjusted for Storage

1945-46	1.59	1.32	.573	.680	.460	2.57	4.60	5.00	1.07	.423	.295	.198	1.57
1946-47	.553	1.09	1.37	.562	1.75	1.31	4.34	8.28	3.31	1.39	.450	.074	2.04
1947-48	.145	.374	.281	.207	.160	.755	5.26	5.71	1.53	.414	.203	.013	1.25
1948-49	.625	2.50	1.50	1.49	.548	.736	6.00	2.68	.872	.245	.118	.301	1.47

EAST BRANCH PENOBSCOT RIVER AT GRINDSTONE, MAINE
Per Cent of Time Duration Table
Drainage Area, 1070 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 36-year period ended Sept. 30, 1949
0.05					100.0
.1					99.8
.15			100.0		92.7
.2	100.0	100.0	90.2	100.0	98.1
.3	97.3	99.5	74.2		98.4
.4	97.3	98.9	65.6		95.9
.5	96.2	96.2	59.3		86.0
.6	88.8	85.8	49.7		76.7
.7	78.1	75.1	44.5		70.7
.8	69.3	67.9	40.4		68.2
.9	62.2	63.8	38.0		65.5
1.0	52.1	57.5	35.2		52.3
1.1	41.6	54.2	31.4		44.1
1.2	37.0	51.5	26.5		40.8
1.3	34.8	49.6	24.0		35.6
1.4	32.3	48.2	22.7		31.8
1.5	30.1	46.0	21.9		30.4
1.6	29.0	42.2	20.8		27.9
1.75	28.8	35.9	20.8		24.1
1.9	25.8	31.0	20.2		21.4
2.05	23.0	27.9	19.7		17.8
2.25	19.5	23.0	18.3		16.2
2.5	16.4	21.4	18.0		13.7
2.75	14.2	20.3	17.2		11.8
3.0	12.9	18.4	15.8		10.1
3.5	11.2	16.4	10.9		6.3
4.0	9.6	12.3	8.7		4.9
4.5	8.8	8.8	5.5		3.6
5.0	6.6	6.8	3.8		3.6
7.0	1.6	3.0	1.1		.5
10.0	.5	1.6	.3		0
15.0	0	0	0		.8
25.0					.1
					0

Mean flow for 36-year period ended Sept. 30, 1949—1.70 sec. ft. per sq. mile.

MATTAWAMKEAG RIVER NEAR MATTAWAMKEAG, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 1400 Square Miles

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	1.32	1.73	1.15	.898	.631	3.10	4.58	4.36	.784	.265	.159	.091	1.59
1946-47	.104	.623	1.11	.465	1.41	1.43	4.88	7.05	2.56	2.18	.789	.275	1.91
1947-48	.137	.332	.347	.141	.124	.767	4.92	4.70	1.18	.318	.152	.089	1.10
1948-49	.376	2.32	1.43	2.20	.436	.882	5.65	1.67	.856	.389	.181	.390	1.40

MATTAWAMKEAG RIVER NEAR MATTAWAMKEAG, MAINE
Per Cent of Time Duration Table
Drainage Area, 1400 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 36-year period ended Sept. 30, 1949
0.05	100.0	100.0	100.0	100.0	100.0
.1	93.4	95.1	85.8	99.2	98.5
.15	88.2	90.4	60.4	95.6	95.1
.2	82.7	88.5	52.7	89.0	90.8
.3	78.1	82.7	43.2	80.5	82.4
.4	73.7	73.2	34.2	67.7	75.8
.5	72.9	69.9	29.5	58.1	67.8
.6	68.2	66.3	27.9	52.3	61.2
.7	61.4	63.6	26.5	47.9	55.0
.8	58.4	60.8	25.7	44.9	49.8
.9	55.6	56.2	24.9	41.9	46.0
1.0	49.0	52.9	24.3	37.8	42.6
1.1	42.5	51.0	23.8	34.5	39.6
1.2	39.7	47.4	23.0	33.2	37.0
1.3	37.3	45.2	21.6	31.5	34.7
1.4	34.5	42.7	21.3	30.4	32.7
1.5	31.2	40.3	19.9	29.3	30.7
1.6	29.0	38.6	19.9	28.2	29.2
1.75	26.6	34.8	19.7	26.0	27.4
1.9	24.7	30.7	19.1	24.4	25.5
2.05	22.5	28.2	18.9	21.4	23.6
2.25	21.9	26.0	18.3	19.7	22.0
2.5	20.3	22.5	18.0	18.4	20.1
2.75	18.1	18.1	15.8	16.4	17.8
3.0	17.0	16.7	14.5	14.8	16.2
3.5	14.8	13.2	11.5	12.3	13.4
4.0	12.6	11.0	10.7	10.1	11.2
4.5	9.3	9.9	7.9	7.4	9.5
5.0	5.8	8.8	6.6	6.8	8.1
7.0	2.7	4.4	1.9	.3	4.6
10.0	0	2.5	0	0	1.5
15.0		1.1			.3
25.0		0			0

Mean flow for 36-year period ended Sept. 30, 1949—1.71 sec. ft. per sq. mile.

PISCATAQUIS RIVER NEAR DOVER-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.	The Year
1945-46	2.35	1.83	1.37	.703	.493	4.10	5.81	3.82	.724	.298	.409	.280	1.86
1946-47	3.14	2.17	1.43	.941	2.68	2.08	5.87	7.59	2.85	1.04	.345	.216	2.52
1947-48	.123	.462	.300	.240	.238	1.20	5.71	7.47	.857	.357	.160	.058	1.43
1948-49	.171	2.14	1.40	2.47	.552	1.43	5.99	1.58	.549	.296	.110	.140	1.40

PISCATAQUIS RIVER NEAR DOVER-FOXCROFT, MAINE
Per Cent of Time Duration Table
Drainage Area, 286 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 37-year period ended Sept. 30, 1949
0.05	100.0	100.0	100.0	100.0	99.9
.1	99.5	98.9	88.3	88.5	97.4
.15	96.4	97.3	77.3	82.2	93.0
.2	87.7	92.3	65.3	77.3	88.3
.3	80.5	88.5	43.2	69.3	79.7
.4	79.2	87.4	35.8	64.4	73.3
.5	72.1	84.7	31.7	56.2	67.4
.6	64.4	81.6	28.1	46.8	61.9
.7	58.4	77.3	27.0	42.7	57.0
.8	54.0	74.8	25.7	38.6	52.6
.9	50.4	72.9	24.0	35.1	49.2
1.0	47.9	67.7	23.5	33.2	45.7
1.1	44.7	63.3	21.9	32.3	43.1
1.2	39.7	54.8	21.3	30.7	40.4
1.3	35.6	51.0	21.3	28.5	38.3
1.4	34.0	47.7	21.0	27.4	36.2
1.5	32.9	45.8	20.2	25.2	34.2
1.6	31.8	43.8	20.2	23.6	32.5
1.75	30.4	40.3	19.9	23.0	30.8
1.9	28.2	37.0	19.9	21.1	28.2
2.05	27.1	34.8	19.7	20.5	26.6
2.25	25.5	31.5	19.7	20.0	24.1
2.5	24.1	29.6	18.9	17.0	22.2
2.75	23.0	26.6	17.2	16.4	20.3
3.0	21.1	23.6	15.6	15.1	18.9
3.5	18.1	20.3	14.2	12.9	16.3
4.0	14.2	17.8	12.8	11.8	14.6
4.5	12.1	14.5	9.3	10.7	12.6
5.0	9.6	13.4	9.0	9.3	11.2
7.0	3.6	6.6	4.9	2.7	7.2
10.0	2.2	3.3	2.2	0	3.7
15.0	.3	1.9	1.1		1.4
25.0	0	.3	.3		.3
40.0		0	0		0

Mean flow for 37-year period ended Sept. 30, 1949—2.10 sec. ft. per sq. mile.

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.	The Year
1945-46	2.22	1.96	1.38	.956	.829	3.34	4.78	3.95	.797	.387	.385	.275	1.78
1946-47	2.05	2.01	1.35	1.06	2.52	2.21	4.83	6.85	2.94	1.23	.603	.356	2.33
1947-48	.257	.437	.342	.290	.301	.996	4.74	6.25	.982	.543	.465	.221	1.32
1948-49	.409	2.35	1.49	2.72	.857	1.61	4.95	1.68	.853	.549	.263	.325	1.50

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

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 25-year period ended Sept. 30, 1949
0.05			100.0		100.0
.1	100.0		99.5		100.0
.15	99.7		98.6	100.0	99.6
.2	96.7	100.0	93.2	98.4	98.8
.3	87.9	97.8	68.0	85.8	94.0
.4	79.5	91.8	50.3	76.2	87.4
.5	74.5	89.0	37.2	73.2	80.7
.6	72.1	86.3	31.1	69.9	73.0
.7	71.5	85.2	27.9	65.8	66.1
.8	66.0	81.4	26.8	58.9	59.2
.9	62.7	77.5	25.7	48.2	52.2
1.0	53.4	73.2	23.5	41.6	46.8
1.1	50.1	68.5	22.7	37.3	42.1
1.2	46.0	65.5	22.1	35.3	38.8
1.3	42.5	61.9	21.9	33.7	35.9
1.4	39.7	58.1	21.0	32.6	33.6
1.5	37.5	53.7	20.2	30.7	31.7
1.6	34.0	48.8	20.2	29.6	29.8
1.75	31.5	45.2	19.7	27.7	27.6
1.9	29.6	40.0	18.9	24.4	25.5
2.05	28.5	36.7	18.3	23.0	24.0
2.25	26.8	33.7	17.8	20.8	22.0
2.5	23.8	30.7	16.7	19.5	19.8
2.75	21.9	25.5	15.6	17.3	17.7
3.0	20.0	21.4	15.3	15.9	16.1
3.5	17.5	18.4	13.4	12.1	13.3
4.0	11.8	15.6	12.0	11.2	11.4
4.5	8.8	12.6	8.7	8.2	9.7
5.0	5.8	8.8	7.1	6.3	8.3
7.0	1.9	3.8	3.0	.3	5.0
10.0	.3	1.6	1.1	0	2.1
15.0	0	1.1	.3		.5
25.0		0	0		.1
40.0					0

Mean flow for 25-year period ended Sept. 30, 1949—1.86 sec. ft. per sq. mile.

SEBEC RIVER AT SEBEC, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 344 Square Miles
Observed Discharge

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	1.86	1.80	1.48	1.12	1.06	2.06	4.00	3.98	.686	.578	.375	.201	1.60
1946-47	2.07	1.79	1.41	1.51	2.73	2.35	3.92	6.31	2.48	1.05	.901	.497	2.25
1947-48	.419	.294	.305	.311	.503	.855	3.64	5.99	.855	.631	.619	.430	1.24
1948-49	.363	1.28	1.62	2.53	1.33	1.57	3.95	1.33	1.23	.930	.471	.223	1.40

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

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 25-year period ended Sept. 30, 1949
0.05					99.9
.1					99.4
.15	100.0			100.0	98.8
.2	97.3		100.0	93.7	97.6
.3	86.8		95.9	93.2	94.1
.4	81.1	100.0	61.7	83.0	89.0
.5	80.0	96.4	55.2	75.1	86.0
.6	71.2	88.8	46.2	69.6	81.9
.7	69.6	87.7	29.8	69.3	74.2
.8	67.7	86.3	26.2	68.8	65.8
.9	67.4	82.2	21.6	67.9	54.6
1.0	64.9	80.8	18.6	66.8	45.5
1.1	54.0	77.0	18.0	64.4	39.1
1.2	48.5	70.4	17.5	55.3	34.6
1.3	43.3	69.3	17.5	42.2	31.8
1.4	40.8	64.4	17.5	31.5	29.6
1.5	36.7	60.3	16.9	26.3	27.8
1.6	32.6	56.4	16.7	21.1	26.4
1.75	28.5	53.4	15.6	19.7	24.6
1.9	26.0	47.7	15.6	17.5	23.2
2.05	22.7	41.1	15.3	17.0	21.4
2.25	20.5	33.7	15.0	16.2	19.5
2.5	18.9	23.0	14.8	14.0	17.1
2.75	17.8	20.0	14.2	12.3	15.5
3.0	16.2	17.5	13.7	11.0	14.1
3.5	14.2	15.6	12.0	8.5	12.1
4.0	9.6	12.3	10.4	5.5	10.1
4.5	4.4	7.7	5.7	3.6	8.3
5.0	3.3	6.0	3.8	1.1	7.2
7.0	0	3.0	2.7	0	4.4
10.0		1.9	1.6		1.2
15.0		0	0		.2
25.0					0

Mean flow for 25-year period ended Sept. 30, 1949—1.72 sec. ft. per sq. mile.

PLEASANT RIVER NEAR MILO, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 322 Square Miles

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	3.03	2.17	1.20	.860	.720	3.69	5.04	4.33	.913	.401	.531	.472	1.95
1946-47	1.81	2.24	1.62	1.08	2.43	1.89	4.87	8.94	3.46	1.53	.658	.466	2.58
1947-48	.290	.652	.425	.289	.197	.761	5.02	6.75	1.16	.705	.742	.235	1.44
1948-49	.730	3.72	1.52	2.79	.730	1.64	5.52	2.19	.904	.565	.282	.571	1.76

PLEASANT RIVER NEAR MILO, MAINE
Per Cent of Time Duration Table
Drainage Area, 322 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 29-year period ended Sept. 30, 1949
0.05					
.1	100.0		100.0		100.0
.15	99.7		97.3	100.0	99.4
.2	99.2	100.0	88.0	98.9	98.2
.3	91.2	99.5	68.3	94.0	94.1
.4	86.3	95.3	53.6	86.0	87.8
.5	79.5	91.2	46.2	80.5	80.9
.6	73.4	87.4	39.1	73.7	74.3
.7	66.3	85.5	34.4	61.6	67.0
.8	59.5	82.7	31.7	52.3	60.1
.9	54.8	80.5	29.0	47.4	55.4
1.0	51.5	74.5	28.4	41.6	50.9
1.1	49.6	69.6	27.3	39.5	47.3
1.2	47.7	64.7	26.0	36.7	43.6
1.3	45.5	60.3	24.6	34.8	40.6
1.4	43.0	55.1	24.0	33.7	38.0
1.5	40.3	49.6	22.1	32.6	35.7
1.6	38.9	47.9	20.8	31.5	33.6
1.75	35.1	44.1	19.9	30.1	30.7
1.9	33.4	40.0	18.9	28.2	28.5
2.05	30.4	38.1	17.8	27.4	26.6
2.25	28.2	34.2	17.2	25.8	24.3
2.5	26.6	31.2	17.2	23.6	22.1
2.75	24.1	28.5	16.9	21.9	20.0
3.0	22.2	26.3	16.4	20.3	18.3
3.5	18.6	20.8	14.5	16.7	15.4
4.0	15.6	17.8	13.1	15.1	13.2
4.5	12.9	14.0	9.8	11.8	11.2
5.0	9.0	11.8	8.2	9.0	9.6
7.0	3.0	4.9	2.5	2.7	5.6
10.0	.8	2.5	1.1	.3	2.7
15.0	0	1.4	.8	0	.9
25.0		.5	.3		.2
40.0		0			0

Mean flow for 29-year period ended Sept. 30, 1949—2.07 sec. ft. per sq. mile.

PASSADUMKEAG RIVER AT LOWELL, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 299 Square Miles

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	.783	1.24	1.08	.967	1.07	2.72	3.08	3.14	1.53	.378	.282	.329	1.38
1946-47	.375	.926	.967	.532	1.55	1.87	3.30	5.84	3.14	2.61	.906	.368	1.87
1947-48	.241	.839	.689	.361	.334	1.01	2.75	3.63	1.55	.515	.296	.177	1.03
1948-49	.327	1.25	.860	2.09	.699	1.38	3.66	1.80	1.40	.375	.202	.252	1.19

PASSADUMKEAG RIVER AT LOWELL, MAINE
Per Cent of Time Duration Table
Drainage Area, 299 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 34-year period ended Sept. 30, 1949
0.05				100.0	99.9
.1				99.2	99.8
.15			100.0	99.2	99.6
.2	100.0	100.0	90.2	89.6	98.5
.3	87.7	96.7	76.2	81.4	94.5
.4	79.5	87.4	51.6	60.6	86.9
.5	76.4	76.2	46.7	65.8	81.3
.6	74.2	72.9	42.3	61.6	75.1
.7	68.8	70.4	38.8	54.2	69.7
.8	64.4	66.6	35.0	51.8	64.0
.9	57.0	62.5	32.5	49.0	58.4
1.0	51.2	57.8	30.1	43.0	52.6
1.1	44.1	55.6	29.2	38.9	48.4
1.2	37.8	51.8	28.4	35.9	44.4
1.3	33.4	47.4	26.5	32.3	40.8
1.4	31.5	43.6	24.3	30.4	38.0
1.5	30.4	41.1	23.0	28.5	35.2
1.6	29.9	39.5	22.1	24.4	32.8
1.75	28.2	38.1	21.9	21.1	29.8
1.9	27.4	35.1	20.8	19.2	27.4
2.05	26.6	32.3	20.5	17.0	25.0
2.25	25.2	28.8	16.7	15.9	22.1
2.5	21.9	26.5	11.7	13.7	19.4
2.75	16.4	23.3	9.3	11.5	16.6
3.0	13.4	21.6	6.3	10.4	14.4
3.5	4.4	15.6	4.4	8.2	10.9
4.0	1.6	10.7	2.7	2.5	7.5
4.5	0	7.4	2.2	0	5.2
5.0		5.2	1.9		3.8
7.0		2.5	0		1.1
10.0		.5			.3
15.0		0			0

Mean flow for 34-year period ended Sept. 30, 1949—1.60 sec. ft. per sq. mile.

KENDUSKEAG STREAM NEAR KENDUSKEAG, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 178 Square Miles

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	.392	1.52	1.47	1.02	.966	5.75	3.52	2.16	.377	.075	.078	.081	1.46
1946-47	.447	1.46	1.29	.978	2.93	4.01	4.20	3.66	2.39	.826	.146	.090	1.86
1947-48	.039	.364	.207	.078	.101	2.66	3.32	4.93	.775	.178	.075	.013	1.07
1948-49	.024	.910	.680	3.14	.433	2.77	4.09	1.07	.348	.124	.132	.573	1.20

KENDUSKEAG STREAM NEAR KENDUSKEAG, MAINE
Per Cent of Time Duration Table
Drainage Area, 178 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 8-year period ended Sept. 30, 1949
0.05	96.4	98.9	74.0	87.1	89.9
.1	78.9	91.5	57.9	81.1	80.5
.15	75.1	87.9	47.0	76.7	73.6
.2	72.3	83.3	38.5	71.0	67.2
.3	67.9	81.1	32.0	63.3	60.5
.4	63.0	75.6	29.8	52.3	53.9
.6	59.2	71.5	28.4	47.1	49.4
.7	54.5	67.7	26.8	41.9	45.4
.8	49.9	63.8	26.0	37.5	41.9
.9	46.0	60.5	24.6	34.2	39.4
1.0	42.5	56.7	23.8	32.1	37.2
1.1	39.2	53.2	22.7	29.9	35.0
1.2	36.2	49.0	22.1	26.0	32.8
1.3	34.5	46.6	21.6	23.6	30.9
1.4	31.5	41.1	20.2	22.2	28.7
1.5	29.9	38.6	19.7	21.1	27.2
1.6	28.8	35.9	19.4	20.5	25.9
1.75	27.7	34.5	18.6	18.9	24.9
1.9	26.6	31.2	16.7	17.8	23.5
2.05	25.2	29.3	16.1	17.0	22.3
2.25	24.4	27.4	15.3	15.1	21.1
2.5	22.5	23.6	13.7	13.7	19.3
2.75	20.3	20.5	13.1	12.9	17.7
3.0	17.5	19.7	12.0	11.5	16.5
3.5	14.2	18.9	10.9	11.0	15.3
4.0	11.8	17.0	9.6	9.0	13.6
4.5	11.0	15.1	7.7	7.9	12.1
5.0	8.2	12.9	6.6	7.1	10.5
7.0	6.8	10.4	6.0	6.0	9.0
10.0	3.8	4.9	3.8	3.8	5.2
15.0	0	1.6	1.4	.3	1.7
25.0		0	.8	0	.4
			0		0

Mean flow for 8-year period ended Sept. 1949—1.51 sec. ft. per sq. mile.

SHEEPSCOT RIVER AT NORTH WHITEFIELD, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 148 Square Miles

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	.777	1.86	2.02	1.95	1.56	4.15	2.46	1.61	.689	.197	.122	.099	1.46
1946-47	.255	.634	.953	1.30	2.87	3.03	2.70	3.12	1.81	.421	.216	.116	1.45
1947-48	.093	.139	.221	.193	.242	2.11	3.07	4.46	1.57	.424	.149	.059	1.06
1948-49	.091	.637	.872	3.37	.939	2.72	3.28	1.05	.703	.314	.139	.150	1.19

SHEEPSCOT RIVER AT NORTH WHITEFIELD, MAINE
Per Cent of Time Duration Table
Drainage Area, 148 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 11-year period ended Sept. 30, 1949
0.05	100.0	100.0	94.8	97.8	98.4
.1	94.8	96.7	82.5	93.7	94.8
.15	78.4	84.9	56.3	71.8	81.2
.2	75.6	75.9	39.1	67.7	72.3
.3	72.6	68.8	35.5	65.8	66.6
.4	70.7	65.8	32.8	62.5	61.3
.5	69.0	63.8	30.3	56.2	56.4
.6	65.8	57.8	29.8	52.3	51.9
.7	64.1	54.2	29.0	47.4	48.3
.8	62.5	50.7	27.6	39.5	44.5
.9	59.2	48.2	27.3	35.3	41.5
1.0	56.7	45.5	26.8	31.0	38.9
1.1	53.2	43.0	25.7	26.8	35.9
1.2	49.9	40.3	24.6	24.1	33.2
1.3	46.8	38.9	23.2	23.3	31.2
1.4	44.1	36.7	22.1	19.7	29.3
1.5	38.6	33.2	19.9	17.8	27.2
1.6	31.8	30.7	18.6	16.7	24.8
1.75	24.1	26.0	16.4	15.1	21.3
1.9	18.6	23.8	15.6	13.4	18.9
2.05	16.7	19.5	14.8	12.3	16.8
2.25	11.2	14.8	11.2	10.1	13.5
2.5	7.4	8.5	9.0	9.0	10.5
2.75	6.6	6.6	8.5	7.9	8.4
3.0	2.5	3.6	4.1	6.0	5.4
3.5	.5	1.9	2.5	2.7	3.2
4.0	0	.3	1.9	1.4	1.9
4.5		0	1.6	.3	1.1
5.0			1.6	0	.7
7.0			1.1		.5
10.0			0		.1
15.0					0

Mean flow for 11-year period ended Sept. 30, 1949—1.40 sec. ft. per sq. mile.

KENNEBEC RIVER AT MOOSEHEAD, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 1240 Square Miles
Observed Discharge

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	.679	.834	1.19	1.76	2.64	1.25	1.82	3.75	1.53	1.91	1.52	1.40	1.69
1946-47	.641	.612	.883	1.76	1.35	3.45	.460	5.97	2.69	1.28	1.63	1.80	1.89
1947-48	1.87	1.23	1.07	1.10	1.18	.504	.102	.315	1.06	1.44	1.89	1.58	1.11
1948-49	1.51	.469	1.00	1.23	2.11	1.58	.107	.285	1.26	1.77	1.81	1.45	1.21

Flow Adjusted for Storage

1945-46	1.91	1.47	.835	.791	.582	2.18	4.52	4.22	.985	.265	.148	.555	1.54
1946-47	1.04	1.26	1.40	.787	1.74	1.14	3.75	8.11	3.14	1.09	.313	-.084	1.98
1947-48	-.017	.274	.102	.298	.129	.703	4.22	5.30	1.21	.545	.115	-.258	1.05
1948-49	.182	1.55	1.16	.952	.494	.573	4.45	2.75	.850	.317	-.073	-.017	1.10

KENNEBEC RIVER AT MOOSEHEAD, MAINE
Per Cent of Time Duration Table
Drainage Area, 1240 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 30-year period ended Sept. 30, 1949
0.05			100.0	100.0	100.0
.1			90.4	98.1	97.3
.15	100.0	100.0	82.0	84.1	95.3
.2	89.0	97.3	79.2	76.4	91.2
.3	83.3	83.0	78.4	72.6	86.7
.4	82.5	80.5	77.6	71.8	83.6
.5	82.2	78.9	76.8	70.4	80.2
.6	80.3	77.0	74.3	69.0	77.8
.7	79.7	74.5	73.5	68.5	75.1
.8	79.2	71.5	71.9	67.7	72.5
.9	77.5	69.0	69.7	63.8	69.2
1.0	76.2	67.4	66.1	62.7	66.6
1.1	73.4	64.9	57.9	62.7	62.1
1.2	71.0	63.6	46.4	61.6	58.1
1.3	66.0	61.4	36.6	58.1	53.7
1.4	55.6	57.3	32.8	53.7	49.1
1.5	50.4	54.2	28.4	48.5	44.8
1.6	45.2	48.8	23.8	42.2	40.0
1.75	37.5	37.0	16.1	30.4	31.7
1.9	32.6	28.8	12.6	23.3	24.6
2.05	28.5	24.7	8.5	11.2	18.7
2.25	23.6	22.2	3.8	4.7	13.6
2.5	18.4	20.5	1.4	.3	8.8
2.75	12.6	16.7	.8	0	6.4
3.0	6.3	14.5	5		5.0
3.5	5.5	11.8	0		4.0
4.0	5.2	8.8			3.3
4.5	3.6	5.2			2.5
5.0	3.0	4.4			2.0
7.0	1.6	3.8			.8
10.0	0	2.5			.2
15.0		0			0

Mean flow for 30-year period ended Sept. 30, 1949—1.46 sec. ft. per sq. mile.

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.	The Year
1945-46	.936	.952	1.15	1.55	2.20	1.59	2.36	3.81	1.33	1.57	1.28	1.29	1.67
1946-47	.741	.820	.969	1.50	1.39	2.97	1.12	6.11	2.62	1.10	1.68	1.82	1.91
1947-48	1.62	1.03	.890	.903	.962	.536	.717	1.47	.985	1.25	1.60	1.45	1.12
1948-49	1.27	.729	1.09	1.17	1.78	1.47	.921	.599	1.12	1.45	1.48	1.31	1.20

Flow Adjusted for Storage

1945-46	1.97	1.47	.721	.787	.573	2.40	4.58	4.20	.875	.264	.136	.481	1.54
1946-47	1.16	1.30	1.30	.727	1.70	1.15	3.78	8.04	2.97	.943	.252	.025	1.94
1947-48	.015	.248	.119	.269	.129	.717	4.09	5.42	1.09	.545	.149	-.162	1.05
1948-49	.221	1.68	1.12	.953	.506	.687	4.50	2.54	.785	.292	-.040	.016	1.10

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

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 44-year period ended Sept. 30, 1949
0.05					
.1					
.15					100.0
.2			100.0		99.9
.3	100.0	100.0	98.1	100.0	99.1
.4	99.7	98.9	96.4	95.6	97.2
.5	97.3	96.7	91.3	91.5	94.0
.6	95.1	92.6	87.3	86.3	89.3
.7	89.6	87.9	82.0	81.1	84.9
.8	85.5	82.5	77.3	74.0	79.8
.9	82.5	75.3	66.7	69.6	75.3
1.0	77.5	71.8	51.9	66.0	69.6
1.1	72.6	67.1	41.0	61.6	64.2
1.2	68.8	63.0	37.4	55.3	58.5
1.3	55.6	58.1	33.1	45.5	53.3
1.4	44.9	52.9	24.6	37.3	47.8
1.5	42.7	48.2	19.7	27.7	42.6
1.6	36.4	40.5	16.7	24.1	36.5
1.75	31.0	34.8	10.9	13.2	28.9
1.9	25.8	29.6	7.1	6.3	23.2
2.05	23.8	24.1	3.8	.3	17.9
2.25	17.0	20.3	2.7	0	13.3
2.5	9.3	16.7	1.4		9.8
2.75	7.7	14.5	1.1		8.1
3.0	6.8	13.4	.8		6.9
3.5	5.8	7.9	0		5.3
4.0	4.9	7.1			4.3
4.5	4.1	5.8			3.4
5.0	3.0	5.2			2.5
7.0	1.6	4.1			1.0
10.0	0	.8			.2
15.0		0			0

Mean flow for 44-year period ended Sept. 30, 1949—1.57 sec. ft. per sq. mile.

KENNEBEC RIVER AT BINGHAM, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 2710 Square Miles
Observed Discharge

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	1.42	1.12	1.13	1.22	1.45	2.34	3.00	3.49	1.25	1.05	.934	.822	1.60
1946-47	1.12	1.00	1.05	1.17	1.51	2.18	2.43	6.98	2.51	1.06	1.16	1.15	1.95
1947-48	.980	.694	.611	.590	.608	.780	1.99	3.17	.993	1.02	1.01	.911	1.12
1948-49	.829	.954	.950	1.09	1.18	1.19	2.47	1.35	.994	.961	.908	.815	1.14

Flow Adjusted for Storage

1945-46	2.05	1.42	.876	.762	.511	2.80	4.40	3.73	.859	.318	.250	.368	1.53
1946-47	1.31	1.34	1.22	.709	1.71	1.14	4.03	8.17	2.71	.866	.309	.076	1.97
1947-48	.067	.244	.151	.219	.148	.702	4.05	5.49	1.03	.603	.166	.050	1.08
1948-49	.220	1.54	.943	.943	.431	.752	4.64	2.50	.741	.304	.005	.066	1.09

KENNEBEC RIVER AT BINGHAM, MAINE
Per Cent of Time Duration Table
Drainage Area, 2710 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 19-year period ended Sept. 30, 1949
0.05			99.7		100.0
.1			99.7		100.0
.15			99.7		100.0
.2			99.5	100.0	100.0
.3	100.0		97.0		99.6
.4	99.7	100.0	94.0		99.1
.5	99.2	99.2	91.0		98.3
.6	98.9	97.8	85.2		96.9
.7	96.2	95.9	69.4	89.9	93.1
.8	93.2	94.2	58.7	81.4	87.1
.9	86.0	87.4	50.3	67.1	77.7
1.0	75.9	78.1	41.0	55.3	65.5
1.1	67.7	70.4	27.6	38.4	52.0
1.2	53.2	55.1	22.7	29.3	39.5
1.3	41.6	45.5	18.9	18.4	30.4
1.4	34.8	39.5	17.5	13.4	24.6
1.5	31.0	36.4	16.9	11.0	20.3
1.6	24.9	34.0	15.3	10.1	18.0
1.75	20.3	29.0	13.1	9.9	15.9
1.9	16.4	25.8	10.4	8.2	14.2
2.05	15.3	23.8	9.0	6.0	12.9
2.25	15.1	20.3	6.8	4.9	11.5
2.5	12.9	17.0	4.9	3.8	10.1
2.75	11.0	13.2	4.1	3.0	9.0
3.0	9.6	11.2	3.6	1.9	8.1
3.5	7.4	8.8	3.0	1.4	6.7
4.0	6.3	7.9	3.0	.3	5.7
4.5	4.1	7.1	2.7	0	4.7
5.0	2.7	6.3	1.6		3.9
7.0	.8	4.7	0		1.6
10.0	0	1.4			.3
15.0		.3			.1
25.0		0			0

Mean flow for 19-year period ended Sept. 30, 1949—1.69 sec. ft. per sq. mile.

DEAD RIVER AT THE FORKS, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 872 Square Miles
Observed Discharge

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	1.94	1.28	1.06	.663	.405	3.22	3.90	3.18	1.02	.477	.538	.251	1.50
1946-47	1.41	1.38	1.14	.679	1.64	1.15	4.11	8.16	2.45	.876	.537	.172	1.98
1947-48	.127	.271	.189	.154	.148	.692	3.82	5.38	1.11	.876	.305	.236	1.11
1948-49	.305	1.16	.698	.655	.290	.833	4.74	2.73	.883	.392	.138	.164	1.08

Flow Adjusted for Storage

1945-46	1.94	1.28	1.06	.663	.405	3.35	4.12	3.11	.920	.411	.435	.251	1.50
1946-47	1.41	1.38	1.14	.679	1.64	1.18	4.27	8.35	2.45	.616	.427	.172	1.98
1947-48	.127	.271	.189	.154	.148	.725	4.00	5.50	1.12	.701	.289	.096	1.11
1948-49	.305	1.19	.669	.655	.290	.874	5.06	2.72	.907	.236	.124	.164	1.08

DEAD RIVER AT THE FORKS, MAINE
Per Cent of Time Duration Table
Drainage Area, 872 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 41-year period ended Sept. 30, 1949
0.05			100.0	100.0	99.9
.1		100.0	99.5	98.9	99.5
.15	100.0	97.0	76.5	89.0	97.9
.2	97.0	91.0	53.7	81.4	94.9
.3	90.7	88.5	43.2	68.2	85.9
.4	83.0	87.7	38.0	52.6	74.9
.5	72.6	84.4	36.6	44.9	65.4
.6	64.4	79.7	35.5	43.0	57.4
.7	57.8	73.4	31.7	40.0	50.2
.8	53.7	66.6	28.7	35.3	45.5
.9	48.8	57.5	25.4	31.2	40.8
1.0	45.8	50.7	24.9	28.8	37.5
1.1	41.4	44.7	24.6	26.3	34.3
1.2	36.2	39.5	24.3	24.9	32.1
1.3	34.5	36.7	23.2	21.6	29.9
1.4	32.1	32.6	21.9	20.8	28.1
1.5	29.0	32.1	21.3	19.5	26.3
1.6	28.2	29.0	19.9	18.1	24.6
1.75	26.0	27.7	18.6	17.0	22.7
1.9	23.8	26.0	17.5	14.5	21.2
2.05	22.2	25.2	17.2	14.0	19.8
2.25	20.3	22.7	16.4	12.6	18.2
2.5	19.2	20.3	15.0	12.1	16.7
2.75	16.7	19.2	13.4	11.2	14.9
3.0	15.6	16.7	11.5	10.7	13.7
3.5	10.4	14.8	9.8	8.2	11.7
4.0	7.9	12.9	8.5	6.6	10.2
4.5	5.8	11.5	6.0	4.9	8.7
5.0	4.1	9.6	5.2	4.1	7.3
7.0	2.2	5.8	3.3	1.4	3.8
10.0	0	2.2	.8	0	1.6
15.0		1.1	0		.4
25.0		0			0

Mean flow for 41-year period ended Sept. 30, 1949—1.56 sec. ft. per sq. mile.

DEAD RIVER NEAR DEAD RIVER, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 520 Square Miles

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	1.96	1.39	1.02	.623	.412	3.25	3.99	3.22	.958	.421	.325	.265	1.49
1946-47	1.39	1.33	1.25	.692	1.69	.946	4.09	7.44	2.30	.773	.296	.174	1.87
1947-48	.126	.279	.179	.157	.141	.679	4.28	5.75	1.05	.623	.265	.124	1.14
1948-49	.240	1.14	.612	.617	.296	.892	5.33	2.90	.983	.335	.134	.135	1.13

DEAD RIVER NEAR DEAD RIVER, MAINE
Per Cent of Time Duration Table
Drainage Area, 520 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 9-year period ended Sept. 30, 1949
0.05			100.0	98.9	99.9
.1		100.0	98.1	95.9	99.3
.15	100.0	97.0	71.9	84.7	94.3
.2	99.5	89.9	53.6	78.4	89.6
.3	86.8	86.8	40.2	64.4	75.8
.4	76.7	85.5	34.7	51.2	64.6
.5	66.6	83.0	32.2	43.3	56.2
.6	59.7	74.2	28.4	39.7	49.6
.7	54.5	68.5	26.8	35.9	44.1
.8	50.4	61.4	25.7	32.3	39.6
.9	48.2	54.8	24.9	29.9	36.5
1.0	45.8	48.2	24.6	27.1	33.6
1.1	41.9	40.5	23.5	25.5	30.9
1.2	37.8	38.6	22.7	24.1	28.8
1.3	35.1	36.2	21.6	22.5	26.9
1.4	31.5	32.9	21.6	21.1	25.0
1.5	30.7	31.8	20.8	20.0	23.6
1.6	28.5	30.1	19.9	18.4	21.6
1.75	26.6	27.9	19.1	17.0	20.1
1.9	24.7	25.5	18.9	15.3	18.8
2.05	23.6	23.6	18.3	14.8	17.5
2.25	21.4	20.8	17.8	13.7	16.1
2.5	19.5	19.2	16.4	13.2	14.6
2.75	18.1	17.0	14.5	12.6	13.4
3.0	16.4	15.6	12.8	11.5	12.5
3.5	12.3	13.7	9.8	9.6	10.5
4.0	8.2	12.3	8.7	8.8	9.0
4.5	4.9	11.2	7.7	6.8	7.5
5.0	3.8	9.6	6.6	6.3	6.6
7.0	1.9	4.7	3.6	2.5	4.0
10.0	0	1.9	1.1	0	1.9
15.0		1.1	0		.7
25.0		0			

Mean flow for 9-year period ended Sept. 30, 1949—1.45 sec. ft. per sq. mile.

AUSTIN STREAM AT BINGHAM, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 92 Square Miles

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	2.76	1.67	1.13	.620	.389	3.53	5.43	3.74	.634	.341	.362	.326	1.75
1946-47	2.80	1.86	1.02	.515	2.27	1.35	4.53	7.65	2.78	1.10	.237	.165	2.18
1947-48	.120	.297	.234	.161	.129	.897	5.39	7.07	.745	.220	.151	.035	1.29
1948-49	.184	2.65	1.26	1.62	.391	1.21	6.13	1.83	.442	.255	.085	.222	1.35

AUSTIN STREAM AT BINGHAM, MAINE
Per Cent of Time Duration Table
Drainage Area, 92 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 17-year period ended Sept. 30, 1949
0.05	100.0	100.0	91.5	95.1	98.9
.1	99.5	98.1	79.0	84.7	95.2
.15	91.5	92.1	57.1	78.1	89.7
.2	87.1	88.5	45.1	74.8	84.7
.3	82.2	85.8	34.4	67.4	74.8
.4	71.2	83.6	29.8	55.9	65.2
.5	64.9	76.2	27.0	47.9	57.2
.6	58.6	71.5	26.0	43.8	51.5
.7	53.4	67.4	25.1	40.3	46.9
.9	50.7	60.8	23.5	36.4	43.2
.9	46.8	58.1	22.7	35.1	40.3
1.0	44.4	53.4	21.6	33.2	37.2
1.1	41.6	49.0	20.8	32.1	34.5
1.2	39.2	46.8	20.8	30.4	32.7
1.3	36.2	43.8	20.5	29.0	30.7
1.4	33.4	41.6	19.9	26.8	29.0
1.5	31.8	39.5	19.9	25.8	27.7
1.6	30.7	37.5	19.7	24.1	26.4
1.75	29.3	35.6	19.4	23.3	24.7
1.9	28.5	33.7	19.1	21.6	23.3
2 05	27.4	29.9	18.9	20.8	21.6
2 25	25.5	27.9	18.6	19.2	20.0
2.5	23.6	24.7	18.0	18.9	18.3
2.75	21.9	22.7	16.7	17.3	16.9
3.0	20.3	21.6	15.0	15.9	15.7
3.5	16.7	17.8	12.8	13.7	13.6
4.0	14.0	14.2	10.1	11.5	11.7
4.5	11.0	12.1	9.6	8.2	10.1
5.0	8.2	9.3	8.2	6.8	8.7
7.0	3.6	6.0	4.6	2.5	5.7
10.0	1.6	2.7	1.9	.5	3.0
15.0	.5	1.4	.5	0	1.0
25.0	0	.3	0		.2
40.0		0			0

Mean flow for 17-year period ended Sept. 30, 1949—1.74 sec. ft. per sq. mile.

CARRABASSETT RIVER NEAR NORTH ANSON, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 354 Square Miles

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	3.00	1.55	1.58	.941	.619	4.69	4.48	3.12	.794	.398	.556	.444	1.86
1946-47	2.06	1.47	1.11	.816	2.10	1.31	5.11	6.23	2.42	1.35	.432	.251	2.05
1947-48	.178	.483	.325	.221	.170	1.22	4.48	6.79	1.04	.492	.353	.124	1.33
1948-49	.322	1.86	1.08	2.05	.364	1.50	5.12	2.23	.746	.373	.180	.225	1.34

CARRABASSETT RIVER NEAR NORTH ANSON, MAINE
Per Cent of Time Duration Table
Drainage Area, 354 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 24-year period ended Sept. 30, 1949
0.05				100.0	100.0
.1			100.0	98.6	99.9
.15	100.0	100.0	85.2	92.6	98.5
.2	99.7	99.2	67.5	86.8	95.2
.3	92.3	89.3	48.1	77.0	86.5
.4	82.5	86.6	38.3	60.8	77.0
.5	78.1	86.3	34.4	51.8	67.4
.6	72.1	82.2	31.1	47.4	59.7
.7	65.8	74.0	27.9	41.6	53.8
.8	60.5	68.8	27.0	38.9	49.1
.9	54.0	61.4	25.7	36.7	44.6
1.0	50.1	52.3	24.9	34.2	40.7
1.1	47.7	48.5	23.8	30.1	37.7
1.2	41.6	44.7	23.2	28.5	35.2
1.3	37.8	41.6	22.4	26.6	33.3
1.4	34.8	36.4	21.9	26.0	31.0
1.5	32.3	34.8	21.6	24.9	29.5
1.6	31.2	33.4	21.0	24.1	28.0
1.75	29.0	31.0	20.2	22.7	25.5
1.9	27.7	28.2	19.9	22.2	24.2
2.05	27.1	26.6	19.4	20.8	22.6
2.25	25.2	25.2	18.3	19.5	21.0
2.5	23.3	22.2	17.8	17.5	19.3
2.75	21.1	20.3	16.1	16.2	17.5
3.0	18.4	18.4	14.8	15.3	16.3
3.5	14.8	15.3	11.2	12.1	14.1
4.0	11.8	14.0	9.3	10.1	12.1
4.5	8.8	11.0	8.2	8.2	10.4
5.0	7.4	9.0	7.7	6.3	8.9
7.0	4.1	4.7	4.1	1.6	5.4
10.0	1.9	2.7	2.5	.3	3.0
15.0	.3	1.4	.5	0	1.1
25.0	0	0	0	0	.2
40.0					0

Mean flow for 24-year period ended Sept. 30, 1949—1.85 sec. ft. per sq. mile.

SANDY RIVER NEAR MERCER, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 514 Square Miles

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	2.41	1.79	1.93	1.11	.751	4.88	3.75	2.60	.821	.356	.531	.405	1.79
1946-47	1.91	1.53	1.30	1.00	2.51	2.00	5.29	5.43	2.44	1.10	.375	.175	2.08
1947-48	.119	.354	.268	.195	.171	1.88	4.02	5.67	1.15	.446	.237	.113	1.22
1948-49	.210	1.53	.955	2.30	.611	2.09	4.78	1.90	.757	.362	.142	.153	1.32

SANDY RIVER NEAR MERCER, MAINE
Per Cent of Time Duration Table
Drainage Area, 514 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 20-year period ended Sept. 30, 1949
0.05			100.0		100.0
.1		100.0	96.4	100.0	99.2
.15			97.8		96.0
.2		99.2	92.1	78.1	87.4
.3		89.9	89.0	57.7	76.7
.4		81.1	86.6	40.4	71.5
.5		77.3	84.4	32.8	64.7
.6		75.6	82.5	35.5	60.8
.7		72.9	78.6	30.9	54.0
.8		63.3	73.7	29.0	46.8
.9		59.2	69.9	27.9	41.1
1.0		56.2	62.5	26.5	36.4
1.1		49.9	56.2	25.1	32.6
1.2		45.5	51.5	24.9	29.9
1.3		39.2	45.8	23.5	27.1
1.4		35.9	42.2	22.4	25.8
1.5		33.7	41.4	21.6	24.7
1.6		32.1	37.8	21.6	23.3
1.75		30.4	35.6	21.0	22.5
1.9		28.8	31.0	20.5	21.4
2.05		27.7	29.6	20.2	20.0
2.25		26.3	27.4	19.1	19.5
2.5		23.8	24.9	18.3	18.4
2.75		19.2	22.5	17.8	16.7
3.0		17.3	20.5	15.8	15.1
3.5		12.6	16.7	14.5	13.4
4.0		8.8	12.1	12.0	10.7
4.5		6.6	9.9	10.4	8.8
5.0		5.5	7.1	7.4	7.9
7.0		4.1	4.9	6.0	6.6
10.0		1.6	3.0	3.3	.8
15.0		.3	.8	1.4	.5
25.0		0	0	.3	0
				0	0

Mean flow for 20-year period ended Sept. 30, 1949—1.71 sec. ft. per sq. mile.

SEBASTICOOK RIVER NEAR PITTSFIELD, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 598 Square Miles
Observed Discharge

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	.682	1.27	1.39	1.37	1.10	3.65	3.58	2.15	.671	.418	.415	.331	1.42
1946-47	1.36	1.40	1.26	1.24	2.79	2.41	4.26	3.49	2.04	.895	.495	.436	1.83
1947-48	.306	.440	.403	.289	.217	1.27	3.28	5.09	.983	.450	.308	.186	1.11
1948-49	.167	.645	1.06	2.67	.915	1.73	4.15	1.09	.707	.353	.326	.274	1.17

SEBASTICOOK RIVER NEAR PITTSFIELD, MAINE
Per Cent of Time Duration Table
Drainage Area, 598 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 20-year period ended Sept. 30, 1949
0.05	97.5	99.5	91.5	97.0	97.3
.1	96.7	99.2	89.9	94.8	95.6
.15	95.6	98.6	87.4	91.8	94.2
.2	95.1	98.6	84.2	87.4	92.4
.3	89.3	95.3	65.3	74.8	86.1
.4	84.7	91.5	50.8	67.4	79.4
.5	78.4	88.5	39.1	60.3	71.0
.6	74.0	84.1	33.6	57.0	62.5
.7	67.7	81.4	29.2	53.7	55.1
.8	60.0	77.3	24.9	48.2	47.8
.9	53.4	72.3	24.6	40.8	42.0
1.0	48.5	66.8	23.2	34.0	37.3
1.1	43.6	64.7	22.7	31.2	33.4
1.2	40.5	56.4	21.6	26.6	30.2
1.3	36.7	51.2	21.0	23.0	27.7
1.4	34.5	47.9	21.0	21.6	25.9
1.5	31.5	44.4	21.0	19.5	24.0
1.6	29.3	42.2	19.9	18.1	22.4
1.75	26.0	38.1	18.9	16.2	20.5
1.9	24.1	35.1	18.0	15.6	19.1
2.05	23.0	30.7	15.6	14.5	17.7
2.25	17.5	27.4	15.0	14.2	16.3
2.5	14.8	22.7	14.2	13.7	14.6
2.75	11.2	20.5	12.0	12.9	13.4
3.0	8.5	17.8	10.7	11.2	12.3
3.5	●1	11.5	7.4	9.0	10.3
4.0	6.0	8.8	6.3	6.6	8.6
4.5	4.4	7.1	4.4	5.5	6.9
5.0	3.6	5.5	3.3	4.1	6.0
7.0	1.1	.5	2.7	.3	3.2
10.0	0	0	1.6	0	1.4
15.0			0		2.4
25.0					0

Mean flow for 20-year period ended Sept. 30, 1949—1.46 sec. ft. per sq. mile.

COBBOSSECONTEE STREAM AT GARDINER, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 220 Square Miles
Observed Discharge

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	.895	.941	1.01	1.24	1.35	3.43	2.22	1.69	1.20	1.01	.855	.618	1.37
1946-47	.836	.900	.927	1.03	1.19	3.32	2.60	2.04	1.94	.950	.877	.955	1.46
1947-48	.914	.864	.686	.523	.500	.827	1.25	4.10	1.45	1.06	.777	.723	1.15
1948-49	.664	.850	.845	1.66	1.92	1.97	3.52	1.52	.895	.468	.450	.605	1.27

COBBOSSECONTEE STREAM AT GARDINER, MAINE
Per Cent of Time Duration Table
Drainage Area, 220 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 59-year period ended Sept. 30, 1949
0.05					
.1					
.15					100.0
.2					99.9
.3					99.4
.4					99.1
.5				100.0	98.1
.6	100.0		83.3	83.3	95.9
.7	91.7		75.0	66.7	92.7
.8	91.7	100.0	58.3	66.7	85.7
.9	75.0	83.3	41.7	41.7	75.7
1.0	66.7	50.0	33.3	41.7	64.1
1.1	50.0	41.7	25.0	41.7	40.4
1.2	41.7	33.3	25.0	41.7	30.1
1.3	33.3	33.3	16.7	41.7	26.6
1.4	25.0	33.3	16.7	41.7	23.7
1.5	25.0	33.3	8.3	41.7	21.7
1.6	25.0	33.3	8.3	33.3	20.5
1.75	16.7	33.3	8.3	25.0	18.5
1.9	16.7	33.3	8.3	25.0	16.7
2.05	16.7	16.7	8.3	8.3	14.9
2.25	8.3	16.7	8.3	8.3	13.1
2.5	8.3	16.7	8.3	8.3	11.9
2.75	8.3	8.3	8.3	8.3	10.2
3.0	8.3	8.3	8.3	8.3	9.0
3.5	0	0	8.3	8.3	6.8
4.0			8.3	0	4.9
4.5			8.3		4.0
5.0			0		3.5
7.0					.9
10.0					.2
15.0					0

Above table based on monthly discharge figures.
Mean flow for 59-year period ended Sept. 30, 1949—1.46 sec. ft. per sq. mile.

ANDROSCOGGIN RIVER AT ERROL, N. H.
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 1045 Square Miles
Observed Discharge

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1944-45	1.15	1.32	1.52	1.72	1.92	2.38	4.06	5.10	1.92	1.91	1.64	1.45	2.18
1945-46	1.39	1.79	1.93	1.99	2.07	2.02	1.45	3.03	1.78	1.77	1.41	1.44	1.84
1946-47	1.09	1.12	1.61	2.12	2.14	2.54	1.89	6.35	3.33	1.65	1.93	1.72	2.30
1947-48	1.41	1.23	1.13	1.21	1.17	.567	1.63	2.69	1.28	1.51	1.68	1.65	1.43
1948-49	1.25	.973	1.53	1.34	1.66	1.29	1.89	1.35	1.33	1.54	1.66	1.42	1.44

Flow Adjusted for Storage

1945-46	2.59	1.75	.911	.523	.433	4.01	4.26	4.19	1.12	.153	.486	.135	1.72
1946-47	2.14	2.11	2.02	1.09	1.29	.924	4.39	9.55	1.54	.918	-.034	.164	2.32
1947-48	-.138	.396	.509	.094	.071	1.90	6.10	6.33	.883	.448	.169	-.190	1.39
1948-49	.198	2.16	.505	1.42	.410	1.13	5.99	3.30	1.31	.401	-.100	.183	1.41

ANDROSCOGGIN RIVER AT ERROL, N. H.
Per Cent of Time Duration Table
Drainage Area, 1045 Square Miles

Sec. ft. per Sq. mile	1944-45	1945-46	1946-47	1947-48	1948-49	Mean 5-year period ended Sept. 30, 1949
0.05				100.0		100.0
.1				98.6		99.7
.15				98.4		99.7
.2				98.1	100.0	99.6
.3		100.0	100.0	97.8	98.9	99.3
.4		99.7	99.7	97.8	98.6	99.2
.5	100.0	99.7	99.7	97.3	98.1	99.0
.6	99.7	99.2	99.5	95.1	97.3	98.2
.7	99.5	97.8	99.2	94.3	95.9	97.3
.8	99.5	96.4	97.3	93.7	94.5	96.3
.9	98.6	95.9	96.2	92.3	92.3	95.1
1.0	98.1	95.1	94.5	91.8	89.3	93.8
1.1	96.2	94.2	92.1	85.0	84.7	90.4
1.2	93.4	93.2	89.3	79.5	79.5	85.1
1.3	88.2	91.5	84.4	54.6	65.8	76.9
1.4	82.2	87.9	81.4	45.1	58.4	71.0
1.5	76.4	73.7	78.1	34.2	47.4	62.0
1.6	67.1	65.8	73.4	26.2	30.4	52.6
1.75	54.2	53.7	54.2	11.7	4.9	35.7
1.9	37.0	37.3	43.3	8.2	3.8	25.9
2.05	19.7	23.0	35.1	7.4	3.3	17.7
2.25	15.3	9.0	22.2	5.7	2.5	10.9
2.5	14.2	6.3	16.7	4.4	2.2	8.8
2.75	14.0	4.9	12.1	3.6	1.9	7.3
3.0	13.2	4.7	11.0	3.0	1.9	6.8
3.5	12.3	3.6	8.8	2.2	1.1	5.6
4.0	10.1	2.7	7.9	.8	.5	4.4
4.5	9.3	1.4	7.4	0	0	3.6
5.0	7.4	1.1	7.4			3.2
7.0	2.2	0	5.8			1.6
10.0	0		1.1			.2
15.0			0			0

Mean flow for 5-year period ended Sept. 30, 1949—1.84 sec. ft. per sq. mile.

ANDROSCOGGIN RIVER NEAR GORHAM, N. H.
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 1363 Square Miles
Observed Discharge

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	1.58	1.79	1.80	1.85	1.84	2.75	1.86	3.00	1.62	1.48	1.36	1.25	1.85
1946-47	1.31	1.31	1.57	1.89	2.01	2.41	2.72	6.01	3.28	1.53	1.60	1.42	2.26
1947-48	1.20	1.11	.965	1.01	.971	1.02	2.31	3.11	1.30	1.20	1.32	1.29	1.40
1948-49	1.05	1.14	1.34	1.40	1.38	1.46	2.55	1.56	1.28	1.18	1.29	1.15	1.40

Flow Adjusted for Storage

1945-46	2.50	1.76	1.02	.728	.591	4.28	4.01	3.89	1.12	.240	.653	.251	1.76
1946-47	2.11	2.07	1.88	1.10	1.36	1.17	4.64	8.46	1.91	.965	.098	.230	2.27
1947-48	.011	.472	.489	.153	.131	2.04	5.74	5.91	.993	.392	.163	-.123	1.37
1948-49	.238	2.05	.552	1.46	.427	1.34	5.69	3.06	1.27	.309	.055	.204	1.38

ANDROSCOGGIN RIVER NEAR GORHAM, N. H.
Per Cent of Time Duration Table
Drainage Area, 1363 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 20-year period ended Sept. 30, 1949
0.05					
.1					
.15					
.2					
.3					
.4					
.5				100.0	100.0
.6				99.7	100.0
.7				98.4	99.9
.8				96.7	99.8
.9				95.4	99.8
1.0				76.0	99.2
1.1				67.8	93.5
1.2	100.0	100.0		45.9	76.0
1.3	99.5	94.2		30.9	59.9
1.4	89.9	87.4		20.8	47.1
1.5	82.5	80.8		17.8	39.8
1.6	73.7	71.2		17.2	33.5
1.75	68.2	60.3		16.4	24.2
1.9	45.2	48.2		15.3	18.4
2.05	22.7	37.5		12.6	15.0
2.25	14.2	27.7		11.5	12.6
2.5	11.0	23.8		8.5	10.6
2.75	8.8	16.7		7.1	9.5
3.0	7.9	14.8		6.3	8.4
3.5	7.4	12.1		3.6	6.6
4.0	4.7	9.9		1.1	5.6
4.5	3.6	9.3		.5	4.7
5.0	1.9	8.8		0	3.8
7.0	.5	7.9			1.8
10.0	0	4.9			0
15.0		3			3
		0			0

Mean flow for 20-year period ended Sept. 30, 1949—1.80 sec. ft. per sq. mile.

ANDROSCOGGIN RIVER AT RUMFORD, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 2067 Square Miles
Observed Discharge

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	1.77	1.66	1.74	1.63	1.45	3.83	2.49	3.08	1.43	1.10	1.41	1.06	1.89
1946-47	1.59	1.41	1.39	1.69	2.20	2.48	3.89	6.40	3.46	1.58	1.21	.998	2.36
1947-48	.799	.918	.691	.695	.690	1.57	3.11	4.05	1.29	.896	.938	.849	1.38
1948-49	.789	1.50	1.20	1.64	1.12	1.56	3.40	1.80	1.11	.859	.884	.847	1.39

Flow Adjusted for Storage

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	2.37	1.64	1.22	.886	.622	4.84	3.91	3.66	1.10	.281	.940	.403	1.83
1946-47	2.12	1.91	1.59	1.16	1.76	1.66	5.16	8.02	2.55	1.21	.216	.213	2.37
1947-48	.018	.497	.377	.130	.136	2.25	5.37	5.89	1.09	.361	.172	-.083	1.35
1948-49	.255	2.10	.680	1.67	.484	1.48	5.47	2.78	1.11	.284	-.058	.222	1.38

ANDROSCOGGIN RIVER AT RUMFORD, MAINE
Per Cent of Time Duration Table
Drainage Area, 2067 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 38-year period ended Sept. 30, 1949
0.05					
.1					
.15					
.2					
.3					
.4				100.0	100.0
.5				98.4	99.9
.6				96.4	99.9
.7				79.2	98.9
.8	100.0	100.0	60.1	87.4	94.8
.9	97.8	99.5	39.6	70.1	86.3
1.0	92.3	94.0	31.4	56.2	76.4
1.1	83.0	89.9	26.8	43.6	65.3
1.2	77.8	79.7	25.4	29.3	53.3
1.3	71.2	70.7	23.5	24.7	43.9
1.4	62.7	61.1	21.9	21.6	36.5
1.5	48.2	55.6	21.3	20.0	31.6
1.6	39.5	51.2	20.8	18.6	28.2
1.75	34.0	43.3	19.9	17.3	24.1
1.9	30.4	36.7	19.9	16.4	21.4
2.05	26.0	33.2	19.4	15.9	19.2
2.25	20.8	29.6	18.6	14.5	17.0
2.5	16.7	26.0	15.3	12.1	14.8
2.75	13.4	21.9	12.8	10.1	12.9
3.0	11.8	19.2	11.2	8.5	11.2
3.5	10.1	16.2	8.5	6.0	8.7
4.0	7.9	12.9	6.3	3.8	7.1
4.5	4.7	11.2	4.4	3.0	5.6
5.0	2.7	10.7	2.5	1.6	4.6
7.0	.5	4.9	.5	0	1.9
10.0	0	.5	0		.5
15.0		0			.1
25.0					0

Mean flow for 15-year period ended Sept. 30, 1911—1.65 sec. ft. per sq. mile.
Mean flow for 38-year period ended Sept. 30, 1949—1.76 sec. ft. per sq. mile.

ANDROSCOGGIN RIVER NEAR AUBURN, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 3257 Square Miles
Observed Discharge

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	1.89	1.82	1.84	1.52	1.20	4.08	2.80	2.81	1.40	.937	1.33	.916	1.89
1946-47	1.83	1.50	1.34	1.53	2.46	2.59	4.11	5.53	2.94	1.39	.960	.782	2.24
1947-48	.613	.765	.588	.569	.578	1.82	3.06	4.08	1.54	.751	.683	.619	1.31
1948-49	.580	1.38	1.12	2.16	1.05	1.84	3.59	1.94	1.07	.640	.652	.641	1.39

Flow Adjusted for Storage

1945-46	2.28	1.84	1.54	1.03	.653	4.75	3.72	3.19	1.16	.399	1.05	.510	1.85
1946-47	2.16	1.82	1.46	1.20	2.21	2.06	4.94	6.56	2.89	1.14	.287	.248	2.22
1947-48	.064	.519	.353	.203	.228	2.18	4.63	5.34	1.38	.393	.168	-.002	1.29
1948-49	.220	1.77	.779	2.25	.645	1.83	4.97	2.56	1.00	.267	.040	.210	1.38

ANDROSCOGGIN RIVER NEAR AUBURN, MAINE
Per Cent of Time Duration Table
Drainage Area, 3257 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 20-year period ended Sept. 30, 1949
0.05					
.1			100.0	100.0	100.0
.15	100.0	100.0	99.2	98.1	99.8
.2	99.7	99.5	93.2	95.9	99.0
.3	98.4	98.6	90.4	93.7	95.9
.4	96.7	96.4	82.2	88.8	92.7
.5	96.7	94.8	81.1	86.3	90.2
.6	94.8	93.7	78.1	84.1	88.1
.7	93.2	93.2	63.1	76.7	84.2
.8	91.5	92.5	42.9	66.0	77.2
.9	89.3	88.5	34.7	57.8	69.4
1.0	82.2	83.8	31.1	51.5	62.3
1.1	78.1	80.5	30.1	47.7	55.4
1.2	74.0	76.2	28.4	42.5	48.2
1.3	64.4	68.2	26.8	35.3	41.6
1.4	56.2	61.0	25.1	29.0	36.5
1.5	50.1	54.8	23.5	25.2	33.0
1.6	44.7	52.1	22.4	22.7	30.2
1.75	38.1	46.8	21.6	20.3	27.1
1.9	33.2	38.1	21.0	19.7	24.2
2.05	28.5	35.6	19.9	18.1	21.8
2.25	23.3	30.1	18.6	16.2	19.5
2.5	19.2	27.4	15.8	14.8	17.2
2.75	17.3	24.1	12.6	12.9	15.5
3.0	14.0	20.8	11.2	10.7	13.9
3.5	10.4	16.7	7.9	7.9	11.4
4.0	6.8	13.4	6.3	4.9	9.4
4.5	5.8	11.8	4.9	2.2	7.5
5.0	4.1	9.3	3.6	1.1	6.1
7.0	.8	2.5	.8	.5	2.5
10.0	0	0	0	0	.7
15.0					.1
25.0					0

Mean flow for 20-year period ended Sept. 30, 1949—1.75 sec. ft. per sq. mile.

DIAMOND RIVER NEAR WENTWORTH LOCATION, N. H.
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 153 Square Miles

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	3.64	1.99	1.03	.948	.500	5.58	4.88	4.54	1.44	.380	.699	.712	2.21
1946-47	2.48	3.03	2.55	.961	1.71	1.30	5.72	10.78	3.12	1.73	.536	.712	2.89
1947-48	.461	.752	.499	.352	.361	2.68	7.81	5.92	1.08	.603	.425	.166	1.76
1948-49	.353	2.41	1.02	1.03	.392	2.18	7.36	3.24	1.73	.706	.208	.505	1.76

DIAMOND RIVER NEAR WENTWORTH LOCATION, N. H.
Per Cent of Time Duration Table
Drainage Area, 153 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 8-year period ended Sept. 30, 1949
0.05				99.5	99.9
.1	100.0		100.0	97.3	99.4
.15	99.5	100.0	94.5	93.2	97.8
.2	97.3	98.4	91.8	90.7	95.8
.3	89.9	95.3	79.5	83.3	88.5
.4	83.3	93.2	57.1	72.1	78.7
.5	77.0	90.4	45.1	59.2	70.4
.6	71.0	85.8	38.8	50.1	64.0
.7	66.0	80.0	34.7	46.6	58.6
.8	62.7	73.4	32.8	43.6	54.7
.9	58.4	67.4	29.2	40.5	50.4
1.0	53.7	63.0	27.0	39.2	46.7
1.1	49.6	59.7	26.2	36.4	43.6
1.2	47.4	56.2	24.3	34.0	40.6
1.3	46.3	53.4	23.2	32.6	38.8
1.4	43.8	51.5	22.7	31.5	36.9
1.5	41.1	48.8	22.1	29.3	34.8
1.6	39.7	45.5	22.1	28.2	33.2
1.75	37.0	42.5	21.9	25.5	30.8
1.9	34.0	37.8	21.3	24.7	28.6
2.05	31.8	34.5	20.8	23.0	26.9
2.25	28.2	32.6	20.2	20.5	24.8
2.5	26.2	30.4	19.7	20.0	23.0
2.75	24.1	27.1	18.9	17.5	21.1
3.0	22.2	25.5	18.9	16.7	19.5
3.5	20.5	21.4	18.0	14.5	17.2
4.0	17.8	20.0	17.2	13.2	15.4
4.5	14.8	17.3	15.0	10.4	13.0
5.0	12.9	16.4	12.8	9.3	11.6
7.0	5.8	9.6	7.1	4.9	7.0
10.0	3.0	5.8	3.0	3.6	4.4
15.0	.5	3.0	.8	1.1	2.1
25.0	0	.5	0	0	.5
40.0		0			0

Mean flow for 8-year period ended Sept. 30, 1949—2.26 sec. ft. per sq. mile.

SWIFT RIVER NEAR ROXBURY, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 95.8 Square Miles

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	3.25	1.82	1.57	1.05	.527	5.64	4.49	3.90	1.17	.373	.599	.764	2.11
1946-47	1.91	2.05	1.29	.948	2.23	1.50	5.35	8.46	3.13	.928	.239	.204	2.35
1947-48	.156	.456	.284	.186	.181	2.04	5.68	6.52	1.06	.277	.283	.064	1.43
1948-49	.431	2.61	1.40	1.72	.582	1.65	6.01	2.82	.992	.356	.133	.332	1.59

SWIFT RIVER NEAR ROXBURY, MAINE
Per Cent of Time Duration Table
Drainage Area, 95.8 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 20-year period ended Sept. 30, 1949
0.05	100.0	100.0	98.1	100.0	99.9
.1	99.7	98.4	89.1	92.1	98.2
.15	98.9	95.9	81.1	88.5	95.8
.2	91.2	90.7	59.8	85.5	90.6
.3	85.5	86.8	41.0	76.4	80.7
.4	80.8	84.1	34.4	70.4	72.0
.5	76.2	80.5	32.2	62.7	63.3
.6	69.6	76.7	30.9	53.4	56.5
.7	65.5	73.4	29.8	47.1	51.8
.8	62.5	66.6	28.4	43.0	47.5
.9	60.0	58.1	25.7	40.8	43.8
1.0	59.2	52.3	25.4	39.2	41.0
1.1	56.7	50.4	24.3	37.3	38.7
1.2	52.1	48.2	23.2	33.4	36.0
1.3	46.6	44.7	22.4	31.2	33.5
1.4	42.2	40.8	22.4	29.0	31.6
1.5	39.2	38.6	21.9	27.1	30.0
1.6	36.7	37.8	21.6	26.3	28.6
1.75	35.1	35.3	21.6	24.7	26.5
1.9	32.6	32.6	21.0	22.5	24.8
2.05	30.4	30.7	20.5	21.1	22.9
2.25	27.9	28.8	20.2	19.7	21.5
2.5	25.2	24.4	19.7	19.2	19.6
2.75	23.6	22.2	18.6	18.1	18.2
3.0	21.9	19.5	18.0	17.0	16.9
3.5	18.9	16.7	14.8	13.4	14.5
4.0	15.6	14.2	12.3	11.5	12.5
4.5	12.9	13.2	9.8	9.9	11.0
5.0	9.9	10.7	8.5	8.2	9.6
7.0	6.0	6.3	4.6	3.8	6.2
10.0	2.5	3.8	3.3	2.2	3.8
15.0	.8	2.7	.8	0	1.6
25.0	0	.5	0		.4
40.0		0			.1
60.0					0

Mean flow for 20-year period ended Sept. 30, 1949—1.95 sec. ft. per sq. mile.

NEZINSCOT RIVER AT TURNER CENTER, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 171 Square Miles

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	1.83	1.87	2.30	1.17	.749	5.06	2.57	2.01	1.04	.471	1.33	.678	1.77
1946-47	2.08	1.50	1.16	1.26	2.80	3.10	4.65	3.35	1.46	.936	.358	.182	1.89
1947-48	.129	.522	.341	.223	.283	2.82	2.73	4.80	1.30	.401	.177	.123	1.16
1948-49	.140	1.33	1.17	3.22	.883	2.68	4.01	1.51	.632	.296	.141	.116	1.34

NEZINSCOT RIVER AT TURNER CENTER, MAINE
Per Cent of Time Duration Table
Drainage Area, 171 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 8-year period ended Sept. 30, 1949
0.05					
.1			100.0	100.0	100.0
.15	100.0	100.0	81.1	78.4	94.5
.2	99.5	91.2	71.3	72.3	89.6
.3	95.3	87.9	53.0	69.6	81.0
.4	91.2	86.0	40.7	64.1	72.7
.5	86.0	83.3	35.8	59.5	66.9
.6	81.4	80.8	33.3	56.4	62.3
.7	73.4	77.0	30.3	54.2	56.4
.8	68.8	75.3	28.1	49.3	52.0
.9	63.3	69.0	26.8	43.8	47.8
1.0	58.6	63.3	26.5	35.3	43.8
1.1	54.0	58.6	25.1	30.7	40.4
1.2	49.6	55.9	24.3	26.0	37.5
1.3	46.0	52.9	23.5	24.4	35.2
1.4	44.4	50.4	22.7	23.3	33.7
1.5	41.9	45.2	21.0	22.2	31.7
1.6	38.4	39.7	20.2	21.1	29.3
1.75	32.9	34.2	18.6	19.7	26.4
1.9	28.2	29.6	17.5	18.6	23.7
2.05	25.5	25.5	15.6	17.3	21.6
2.25	22.2	23.0	13.4	16.2	19.5
2.5	18.1	19.5	12.3	14.0	17.1
2.75	15.9	17.5	10.7	12.1	15.4
3.0	14.5	16.4	9.6	11.0	14.3
3.5	11.5	13.7	8.5	9.6	11.8
4.0	9.3	12.1	7.7	8.8	10.0
4.5	7.7	9.9	7.1	6.8	8.5
5.0	6.3	8.2	6.3	5.2	7.2
7.0	3.3	3.3	3.8	3.0	3.4
10.0	0	.8	.5	1.1	.9
15.0		0	.3	.3	.2
25.0			0	0	0

Mean flow for 8-year period ended Sept. 30, 1949—1.58 sec. ft. per sq. mile.

LITTLE ANDROSCOGGIN RIVER NEAR SOUTH PARIS, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 76.2 Square Miles

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	1.98	2.02	2.17	1.27	.781	5.35	2.80	2.07	1.13	.255	1.60	.923	1.88
1946-47	2.64	1.84	1.24	1.21	2.47	2.52	5.41	3.85	1.81	.965	.346	.192	2.03
1947-48	.081	.459	.261	.213	.232	2.89	3.19	5.13	1.38	.329	.143	.068	1.20
1948-49	.114	1.31	1.34	2.87	.781	2.59	4.03	1.85	.403	.135	.056	.084	1.30

LITTLE ANDROSCOGGIN RIVER NEAR SOUTH PARIS, MAINE
Per Cent of Time Duration Table
Drainage Area, 76.2 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 18-year period ended Sept. 30, 1949
0.05		100.0	98.4	91.8	99.4
.1	100.0	97.8	82.2	81.1	96.6
.15	98.6	94.2	76.0	72.6	92.0
.2	96.2	90.7	67.5	68.2	86.2
.3	92.6	87.9	41.8	62.5	77.4
.4	88.2	86.0	36.3	58.9	71.8
.5	83.8	83.0	32.5	56.7	65.2
.6	81.1	80.5	31.1	53.4	58.1
.7	75.9	78.6	30.3	51.8	52.4
.8	71.0	75.9	28.7	41.4	46.3
.9	62.5	70.4	27.6	35.3	41.1
1.0	56.4	67.9	27.6	31.2	37.7
1.1	52.6	62.2	26.5	29.3	34.8
1.2	49.3	58.1	24.9	26.8	32.4
1.3	46.0	52.1	23.2	24.7	30.1
1.4	43.0	47.4	22.7	23.3	28.1
1.5	40.0	43.6	22.1	22.5	26.7
1.6	38.6	39.2	21.0	20.8	25.2
1.75	32.1	34.8	19.7	19.5	23.2
1.9	28.5	31.2	18.3	18.6	21.5
2.05	26.3	29.3	17.8	17.8	20.2
2.25	22.7	26.6	16.4	16.4	18.2
2.5	19.7	23.3	14.8	15.9	16.6
2.75	17.5	21.1	12.8	14.2	15.0
3.0	15.6	18.1	12.0	13.2	13.6
3.5	11.8	12.6	9.0	9.9	11.7
4.0	10.7	11.2	8.5	8.5	10.1
4.5	9.3	8.8	8.2	7.4	8.9
5.0	7.9	7.7	6.8	5.2	7.8
7.0	4.4	4.7	3.8	2.7	5.1
10.0	1.1	1.6	1.4	1.1	2.3
15.0	0	.8	.3	.5	.8
25.0		0	0	0	.2
40.0					0

Mean flow for 18-year period ended Sept. 30, 1949—1.68 sec. ft. per sq. mile.

LITTLE ANDROSCOGGIN RIVER NEAR AUBURN, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 328 Square Miles

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	1.51	1.93	2.29	1.41	1.05	4.48	2.45	1.93	1.27	.738	1.79	1.19	1.84
1946-47	2.11	1.52	1.20	1.25	2.48	3.27	4.24	3.17	1.66	.893	.683	.421	1.90
1947-48	.351	.509	.387	.277	.341	2.10	2.36	3.91	1.73	.555	.294	.354	1.10
1948-49	.338	.954	1.03	2.93	1.23	2.23	3.36	1.68	.747	.303	.311	.381	1.29

LITTLE ANDROSCOGGIN RIVER NEAR AUBURN, MAINE
Per Cent of Time Duration Table
Drainage Area, 328 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 9-year period ended Sept. 30, 1949
0.05			100.0		100.0
.1			99.5		99.6
.15	100.0	100.0	98.6	100.0	98.7
.2	99.7	99.7	93.4	95.9	96.4
.3	98.9	98.6	78.1	88.5	91.6
.4	98.4	97.3	53.8	71.0	82.7
.5	97.3	88.5	40.2	62.7	76.0
.6	96.2	84.7	35.5	58.1	70.6
.7	94.8	82.5	32.8	52.9	66.0
.8	87.9	81.6	30.1	50.7	60.5
.9	83.8	78.9	29.5	48.2	56.5
1.0	75.9	75.9	28.7	44.7	50.9
1.1	65.5	68.8	27.6	42.2	45.6
1.2	58.9	63.0	27.0	38.6	41.2
1.3	52.3	55.6	26.5	34.0	36.6
1.4	46.6	52.6	25.1	31.8	34.0
1.5	43.8	47.9	24.0	26.3	31.2
1.6	39.7	42.2	23.2	23.6	29.0
1.75	35.3	36.2	22.4	20.0	26.3
1.9	29.0	31.0	19.7	17.5	23.5
2.05	24.4	26.8	16.7	15.9	20.9
2.25	20.3	22.2	14.2	15.1	18.3
2.5	18.4	20.3	11.2	12.3	16.1
2.75	15.9	18.4	9.6	11.2	14.3
3.0	14.0	17.5	9.3	9.6	12.9
3.5	11.8	15.1	7.7	7.7	10.5
4.0	10.1	11.2	6.3	5.2	7.9
4.5	7.7	9.9	5.5	4.4	6.6
5.0	6.6	6.6	4.1	3.6	5.1
7.0	1.1	1.6	.8	1.4	1.4
10.0	0	0	0	.3	.3
15.0				0	0
25.0					

Mean flow for 9-year period ended Sept. 30, 1949—1.52 sec. ft. per sq. mile.

PRESUMPCOT RIVER AT OUTLET OF SEBAGO LAKE, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 436 Square Miles
Observed Discharge

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	2.06	1.88	1.99	2.29	2.25	1.91	1.23	1.40	1.83	1.40	1.53	1.64	1.78
1946-47	1.63	1.55	1.56	1.67	1.60	1.72	1.76	1.99	2.11	1.91	1.81	1.85	1.76
1947-48	1.61	1.52	1.42	1.28	1.01	.787	1.25	.727	1.49	1.35	1.22	1.05	1.22
1948-49	.867	.839	.995	1.20	1.30	1.19	1.22	1.27	1.62	.904	.888	.901	1.10

Adjusted for Storage

1945-46	1.63	1.93	2.49	1.66	1.20	3.73	2.35	2.19	1.03	.264	2.35	1.75	1.89
1946-47	1.19	.924	.924	1.40	2.16	3.11	4.04	3.46	2.12	.683	.106	-.151	1.66
1947-48	-.759	1.32	.628	.514	.963	1.52	2.52	4.35	1.80	.390	-.241	-.438	1.04
1948-49	.298	1.36	1.37	3.22	1.16	2.31	3.27	1.64	.271	-.181	-.404	-.039	1.19

PRESUMPCOT RIVER AT OUTLET OF SEBAGO LAKE, MAINE
Per Cent of Time Duration Table
Drainage Area, 436 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 62-year period ended Sept. 30, 1949
0.05					
.1					
.15					
.2					
.3					100.0
.4					99.8
.5					99.3
.6					98.7
.7					97.7
.8				100.0	96.2
.9				83.3	93.7
1.0				83.3	91.5
1.1				66.7	85.5
1.2	100.0			66.7	74.2
1.3	91.7			41.7	67.2
1.4	91.7			33.3	55.4
1.5	75.0	100.0		16.7	42.7
1.6	66.7	83.3		8.3	30.0
1.75	58.3	50.0	0	0	18.1
1.9	41.7	25.0			13.1
2.05	25.0	8.3			9.1
2.25	8.3	0			4.8
2.5	0				3.4
2.75					1.9
3.0					1.7
3.5					1.0
4.0					.4
4.5					.2
5.0					.2
7.0					.2
10.0					0

Above table based on monthly discharge figures.
 Mean flow for 62-year period ended Sept. 30, 1949—1.47 sec. ft. per sq. mile.

SACO RIVER NEAR CONWAY, N. H.
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 386 Square Miles

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	2.41	1.81	1.90	1.23	.935	6.09	4.40	4.58	2.09	.806	2.39	1.33	2.51
1946-47	2.61	2.10	1.56	1.15	2.41	2.28	6.23	8.10	3.72	1.72	.635	.399	2.74
1947-48	.295	.940	.552	.415	.510	3.07	5.81	5.85	1.97	.769	.482	.264	1.75
1948-49	.453	2.52	1.97	3.83	1.06	3.03	4.96	3.58	1.07	.466	.394	.756	2.01

SACO RIVER NEAR CONWAY, N. H.
Per Cent of Time Duration Table
Drainage Area, 386 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 20-year period ended Sept. 30, 1949
0.05					
.1					
.15					
.2					
.3					
.4					
.5					100.0
.6					99.7
.7					87.7
.8					89.9
.9					77.3
1.0					72.3
1.1					69.0
1.2					66.6
1.3					61.1
1.4					60.8
1.5					60.8
1.6					60.8
1.75					60.8
1.9					60.8
2.05					60.8
2.25					60.8
2.5					60.8
2.75					60.8
3.0					60.8
3.5					60.8
4.0					60.8
4.5					60.8
5.0					60.8
7.0					60.8
10.0					60.8
15.0					60.8
25.0					60.8
40.0					60.8
65.0					60.8

Mean flow for 20-year period ended Sept. 30, 1949—2.30 sec. ft. per sq. mile.

SACO RIVER AT CORNISH, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 1298 Square Miles

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	1.48	1.65	2.57	1.72	1.43	4.38	3.84	3.35	2.03	.796	1.89	1.34	2.21
1946-47	2.34	1.61	1.37	1.54	2.52	2.59	4.90	5.13	3.33	1.37	.767	.571	2.33
1947-48	.313	.556	.431	.407	.579	2.31	4.30	4.04	2.25	.827	.513	.357	1.46
1948-49	.411	1.29	1.25	4.01	1.32	2.00	4.36	2.65	1.04	.510	.327	.520	1.66

SACO RIVER AT CORNISH, MAINE
Per Cent of Time Duration Table
Drainage Area, 1298 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 33-year period ended Sept. 30, 1949
0.05					
.1					
.15					
.2				100.0	100.0
.3				94.0	97.3
.4	100.0	100.0		76.5	85.8
.5	99.7	97.3		56.6	75.3
.6	98.4	94.2		46.4	67.4
.7	96.7	92.9		38.0	60.8
.8	94.5	85.2		34.2	58.6
.9	93.2	84.1		32.0	56.2
1.0	92.3	83.0		31.1	53.7
1.1	84.1	80.5		29.8	52.6
1.2	79.7	78.6		28.7	50.7
1.3	71.8	75.9		27.6	48.2
1.4	65.8	72.3		27.0	43.0
1.5	60.0	63.3		25.4	38.4
1.6	57.3	58.6		24.9	34.2
1.75	47.4	47.4		24.6	27.1
1.9	44.4	41.6		24.0	26.0
2.05	39.7	38.1		23.8	24.7
2.25	36.4	36.4		23.2	21.4
2.5	31.5	34.2		21.3	18.9
2.75	28.2	32.9		19.7	18.4
3.0	22.2	29.6		18.6	17.8
3.5	14.5	20.8		14.5	15.6
4.0	8.5	11.5		10.9	12.1
4.5	6.3	7.9		9.0	7.1
5.0	6.0	6.8		8.2	5.2
7.0	.3	3.0		1.1	1.9
10.0	0	0		0	0
15.0					.8
25.0					.1
					0

Mean flow for 33-year period ended Sept. 30 1949—2.01 sec. ft. per sq. mile.

SACO RIVER AT WEST BUXTON, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 1572 Square Miles
Observed Discharge

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	1.41	1.74	2.60	1.81	1.43	4.59	3.82	3.29	1.97	.728	2.02	1.34	2.24
1946-47	2.41	1.64	1.35	1.55	2.66	2.85	5.37	5.50	3.54	1.36	.723	.545	2.45
1947-48	.297	.634	.448	.408	.562	2.52	4.56	4.78	2.43	.796	.497	.368	1.52
1948-49	.464	1.32	1.20	3.89	1.52	2.15	4.42	2.65	.973	.504	.279	.482	1.65

SACO RIVER AT WEST BUXTON, MAINE
Per Cent of Time Duration Table
Drainage Area, 1572 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 38-Year period ended Sept. 30, 1949
0.05			100.0		100.0
.1			99.7		99.9
.15			99.5		99.9
.2			98.6		99.7
.3		100.0	91.3	100.0	98.6
.4		98.9	76.5		95.8
.5		95.9	61.2		90.7
.6		93.7	48.4		84.8
.7		89.0	40.4		78.5
.8		85.8	36.1		71.1
.9		83.8	32.8		64.7
1.0		82.2	32.0		58.7
1.1		80.3	30.3		53.8
1.2		77.3	29.8		49.2
1.3		74.2	28.1		45.6
1.4		70.1	27.6		42.8
1.5		64.9	27.0		40.1
1.6		59.7	26.0		37.3
1.75		55.3	24.9		34.3
1.9		50.1	24.6		31.4
2.05		41.9	24.3		29.0
2.25		38.1	24.3		26.5
2.5		35.9	22.1		23.8
2.75		33.7	20.5		21.8
3.0		32.1	19.4		19.7
3.5		27.1	17.2		15.9
4.0		16.4	13.7		12.7
4.5		11.2	10.4		10.4
5.0		8.5	9.0		8.6
7.0		1.1	3.8	1.9	3.5
10.0	0	0	0	0	.7
15.0					.1
25.0					0

Mean flow for 38-year period ended Sept. 30, 1949—1.93 sec. ft. per sq. mile.

OSSIPEE RIVER AT CORNISH, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 453 Square Miles

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	1.06	1.63	2.67	2.18	1.80	4.46	3.19	2.79	1.76	.810	1.59	1.29	2.11
1946-47	1.94	1.34	1.46	1.77	2.62	2.77	4.63	3.76	3.09	1.15	.779	.702	2.16
1947-48	.322	.341	.437	.444	.859	2.45	3.57	3.97	1.78	.759	.556	.426	1.34
1948-49	.490	.680	1.31	3.57	1.58	2.20	3.64	1.86	1.03	.547	.366	.494	1.48

OSSIPEE RIVER AT CORNISH, MAINE
Per Cent of Time Duration Table
Drainage Area, 453 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 33-year period ended Sept. 30, 1949
0.05					
.1					
.15					100.0
.2				100.0	99.9
.3					99.4
.4	100.0	100.0	84.4	100.0	97.2
.5	98.4	98.4	59.8	89.6	92.1
.6	95.9	97.3	54.4	66.3	85.8
.7	94.5	93.4	38.8	56.2	80.5
.8	91.2	87.7	35.2	54.0	73.1
.9	86.3	86.6	33.6	52.9	65.9
1.0	78.6	80.5	30.6	50.1	59.2
1.1	75.6	75.6	26.2	44.4	53.1
1.2	73.2	74.0	24.6	38.6	49.0
1.3	69.3	68.5	24.0	37.3	45.3
1.4	67.9	64.1	23.0	34.8	41.5
1.5	63.6	60.5	22.7	33.4	37.7
1.6	56.7	57.3	22.7	32.1	35.0
1.75	52.3	49.0	22.4	30.7	31.9
1.9	46.0	44.1	21.6	26.3	28.7
2.05	2.2	40.8	21.3	23.3	26.3
2.25	38.6	37.8	19.7	20.5	24.2
2.5	31.5	31.8	19.1	17.0	21.0
2.75	24.7	28.8	16.9	14.8	18.6
3.0	18.4	24.7	14.5	12.9	16.3
3.5	11.2	15.1	11.2	9.3	12.9
4.0	8.8	8.8	9.0	7.9	10.8
4.5	6.3	6.6	7.7	5.8	8.6
5.0	6.0	4.7	6.8	3.3	7.2
7.0	0	.5	.8	.5	2.9
10.0		0	0	0	.7
15.0					.1
25.0					0

Mean flow for 33-year period ended Sept. 30, 1949—1.87 sec. ft. per sq. mile.

LITTLE OSSIPEE RIVER NEAR SOUTH LIMINGTON, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 161 Square Miles

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	.876	1.64	2.23	2.63	1.53	4.19	2.50	2.15	1.29	.567	1.91	1.23	1.90
1946-47	1.80	1.01	1.07	1.42	2.44	3.09	3.83	3.01	2.41	1.08	.580	.531	1.85
1947-48	.344	.621	.541	.421	.814	2.47	2.25	3.19	1.96	.776	.448	.198	1.17
1948-49	.435	1.48	1.06	3.55	2.04	2.54	2.71	1.58	.720	.424	.234	.234	1.41

LITTLE OSSIPEE RIVER NEAR SOUTH LIMINGTON, MAINE
Per Cent of Time Duration Table
Drainage Area, 161 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 9-year period ended Sept. 30, 1949
0.05					100.0
.1			100.0		98.7
.15	100.0	100.0	91.3		95.9
.2	98.6	98.6	84.2	100.0	93.1
.3	97.3	95.9	74.5	82.5	87.8
.4	94.8	94.5	69.1	75.3	84.3
.5	94.2	90.1	62.6	67.7	78.3
.6	89.3	86.3	49.7	62.2	72.7
.7	85.2	83.3	48.9	60.3	68.7
.8	82.7	80.0	47.3	56.4	64.8
.9	77.8	76.2	41.8	52.9	58.6
1.0	75.3	73.4	38.8	48.8	54.2
1.1	72.6	67.7	36.6	46.6	50.1
1.2	67.9	61.9	35.0	45.2	46.3
1.3	63.0	56.2	34.2	44.1	43.5
1.4	59.5	48.8	33.1	42.5	40.4
1.5	55.3	45.2	30.1	41.4	37.4
1.6	49.9	44.1	27.0	40.5	35.0
1.75	42.2	41.4	23.2	37.0	31.3
1.9	37.8	37.5	20.5	28.5	27.6
2.05	33.7	34.2	18.9	22.5	24.8
2.25	29.3	28.5	15.8	16.4	20.9
2.5	23.8	22.7	13.9	11.2	17.3
2.75	18.6	19.2	11.5	8.8	14.5
3.0	16.2	17.0	8.2	7.7	12.5
3.5	11.0	12.9	5.7	7.1	9.6
4.0	6.8	9.6	3.8	4.9	6.9
4.5	5.8	6.3	1.9	3.6	5.2
5.0	4.1	3.6	1.6	2.7	3.7
7.0	.5	0	.3	1.1	.8
10.0	0		0	.3	0
15.0				0	0

Mean flow for 9-year period ended Sept. 30, 1949—1.54 sec. ft. per sq. mile.

SALMON FALLS RIVER NEAR SOUTH LEBANON, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 147 Square Miles
Observed Discharge

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1945-46	.946	1.60	2.32	2.65	2.13	3.37	1.92	1.94	1.42	.762	1.37	1.20	1.80
1946-47	1.05	1.03	.871	1.22	2.43	2.71	3.15	2.86	2.88	1.28	.878	.796	1.76
1947-48	.776	.748	.612	.393	.454	2.07	1.93	2.69	1.76	.654	.624	.572	1.11
1948-49	.554	.980	1.07	2.39	2.10	2.35	1.63	1.12	.741	.508	.533	.490	1.20

Flow Adjusted for Storage

1945-46	.939	2.12	2.52	2.15	1.29	4.79	2.10	2.33	1.13	.367	1.10	.456	1.78
1946-47	1.12	.728	.884	1.51	1.94	3.45	4.22	3.10	2.70	.959	.110	.208	1.74
1947-48	.095	.773	.373	.303	.632	3.70	2.19	3.23	1.77	.285	.074	-.132	1.11
1948-49	.201	1.47	1.32	2.87	1.85	2.44	2.50	1.16	.360	.182	-.218	.259	1.20

SALMON FALLS RIVER NEAR SOUTH LEBANON, MAINE
Per Cent of Time Duration Table
Drainage Area, 147 Square Miles

Sec. ft. per Sq. mile	1945-46	1946-47	1947-48	1948-49	Mean 20-year period ended Sept. 30, 1949
0.05					100.0
.1			100.0	100.0	99.4
.15		100.0	98.9	100.0	97.5
.2		99.7	93.7	96.7	95.5
.3	100.0	98.6	86.6	91.5	92.1
.4	97.5	97.5	79.8	86.8	87.8
.5	95.3	94.8	73.8	82.7	83.6
.6	94.8	92.6	68.0	74.8	79.4
.7	93.4	90.7	58.7	64.9	73.0
.8	91.8	89.3	50.3	54.5	66.2
.9	88.2	85.2	35.2	51.2	57.7
1.0	78.9	72.9	31.1	46.3	50.5
1.1	70.4	54.2	28.4	41.6	43.6
1.2	65.8	49.6	27.3	37.0	39.0
1.3	63.8	48.2	25.7	34.0	35.9
1.4	59.2	45.8	22.4	31.2	33.0
1.5	54.5	43.6	20.5	27.9	30.7
1.6	47.1	42.2	19.4	22.7	28.1
1.75	41.1	40.5	17.8	19.5	25.0
1.9	36.7	36.7	14.8	16.4	22.2
2.05	32.3	31.2	12.8	14.8	19.3
2.25	25.2	26.0	10.1	13.2	16.6
2.5	19.2	23.3	9.6	9.9	14.0
2.75	14.0	18.1	9.0	6.0	11.5
3.0	11.2	12.1	6.3	3.0	9.9
3.5	7.7	8.5	4.6	1.4	7.6
4.0	4.4	5.2	3.0	1.1	5.6
4.5	2.2	3.3	2.2	.8	4.3
5.0	1.1	2.7	1.6	.8	3.5
7.0	0	.5	.3	.5	1.8
10.0		0	0	0	.6
15.0					.2
25.0					.1
40.0					0

Mean flow for 20-year period ended Sept. 30, 1949—1.51 sec. ft. per sq. mile.

MOUSAM RIVER NEAR WEST KENNEBUNK, MAINE
Mean Monthly Discharge in Second Feet Per Square Mile
Drainage Area, 105 Square Miles
Observed Discharge

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	The Year
1944-45	1.48	1.47	2.67	2.33	1.79	4.08	3.03	3.25	2.56	1.35	.798	.777	2.13
1945-46	.823	1.66	2.22	2.30	1.63	4.22	2.16	1.76	1.23	.717	1.57	.790	1.76
1946-47	1.44	.971	.875	1.24	2.27	3.45	3.37	2.76	2.35	1.07	.781	.565	1.75
1947-48	.402	.331	.532	.550	.516	2.16	2.26	2.49	1.94	.828	.270	.345	1.06
1948-49	.496	1.15	1.20	3.32	2.28	2.76	2.62	1.27	.952	.510	.290	.260	1.42

Flow Adjusted for Storage

1944-45	1.08	1.97	2.75	2.16	1.30	4.72	2.86	3.43	2.72	1.03	.503	.607	2.10
1945-46	.780	2.16	2.46	2.22	1.20	4.33	2.18	1.84	1.09	.617	1.75	.688	1.79
1946-47	1.18	.884	.900	1.45	2.30	3.44	3.74	2.86	2.09	.938	.195	.162	1.67
1947-48	.187	.667	.411	.471	.604	3.10	2.24	2.92	1.85	.421	.193	.052	1.10

MOUSAM RIVER NEAR WEST KENNEBUNK, MAINE
Per Cent of Time Duration Table
Drainage Area, 105 Square Miles

Sec. ft. per Sq. mile	1944-45	1945-46	1946-47	1947-48	1948-49	Mean 10-year period ended Sept. 30, 1949
0.05	100.0	100.0	100.0	99.5	99.7	98.6
.1	99.2	99.5	98.9	85.2	97.8	93.0
.15	96.2	96.7	94.0	67.2	78.1	85.9
.2	95.9	91.5	90.4	66.4	74.0	84.4
.3	95.3	90.1	89.6	65.0	73.2	83.4
.4	94.0	88.8	88.5	62.0	71.0	81.5
.5	93.4	87.7	88.2	56.0	68.2	79.2
.6	92.6	87.4	84.7	52.2	67.1	75.0
.7	92.3	84.1	83.3	51.1	66.3	66.0
.8	92.1	83.3	81.4	50.5	66.3	63.6
.9	91.0	81.9	80.5	49.5	64.4	60.6
1.0	89.3	80.8	79.7	48.6	63.6	55.8
1.1	81.4	76.7	74.8	37.7	56.7	49.2
1.2	74.5	61.1	58.1	26.2	52.1	42.6
1.3	71.8	55.9	51.5	25.4	43.8	39.2
1.4	66.8	51.0	48.8	23.5	40.3	36.3
1.5	63.0	46.8	44.7	21.6	39.2	34.3
1.6	59.2	44.1	43.8	20.8	37.3	32.6
1.75	53.4	37.8	40.0	19.4	34.0	29.8
1.9	47.1	31.8	36.7	17.2	29.3	27.1
2.05	41.9	26.6	32.1	15.0	26.3	24.4
2.25	32.6	21.6	27.9	12.0	20.8	20.5
2.5	26.3	18.1	22.7	10.4	15.6	17.4
2.75	20.5	17.0	18.6	8.2	11.8	14.5
3.0	17.3	14.8	16.2	7.4	8.8	12.3
3.5	13.7	11.2	10.4	4.4	6.3	8.7
4.0	11.0	8.5	6.0	2.7	3.6	6.2
4.5	7.9	4.7	3.6	1.6	2.5	4.5
5.0	6.0	3.3	1.6	1.6	1.9	3.5
7.0	1.1	.3	0	.5	.5	.9
10.0	0	0	0	0	.3	.1
15.0					0	0

Mean flow for 10-year period ended Sept. 30, 1949—1.49 sec. ft. per sq. mile.

APPENDIX

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