

WATER VALUE OF GREAT EXTENT

Statistics Gathered Under Direction of Representative Theodore Burton Show What We Use and What We Desire.

The statistics which have been gathered during the last six months on the use of water for all purposes in the United States under the direction of Representative Theodore F. Burton of Ohio, chairman of the inland waterways commission, which forms the section of waters of the national conservation commission, show possibilities of immense savings by a mere economical utilization of the available supply of water. Some of the more interesting parts of this report follow.

What We Use and Waste.
Of the 70,000,000,000 cubic feet annually flowing into the sea, less than 1 per cent is restrained and utilized for municipal and community supply and related purposes; less than 2 per cent, or some 10 per cent of that in the arid and semi-arid regions is used for irrigation; perhaps 5 per cent is currently used for navigation, and less than 5 per cent is utilized for power. It is estimated that 85 per cent to 95 per cent of the volume is wasted in freights or destructive floods.

Cost of Improvement.
It has been roughly estimated that the inland waterways of the country could be improved in 10 years at a cost of \$50,000,000 annually in such manner as to promote interstate commerce and at the same time greatly reduce the waste and extend the use of the water. If done at the cost of the inland waterways, the burden would be 2 1/2 cents per capita per year, or \$6.25 in all.

Power of Streams.
The theoretical power of the streams is over 250,000,000 horsepower; the amount now in use is \$250,000 horsepower. The amount available at a cost comparable with that of stream installation is estimated at \$7,000,000 horsepower, and the amount available at reasonable cost at 75,000,000 to 150,000,000 horsepower. The \$7,000,000 horsepower exceeds our entire mechanical power now in use, and would operate every mill, drive every spindle, propel every train and boat, and light every city, town and village in the country.

Destructive Erosion.
The freshets are attended by destructive soil erosion. The soil matter annually carried into lower rivers and harbors or into the sea reaches 73,000,000 tons. Its removal seriously reduces the productivity of upland farms and increases channel cutting and bar building in the rivers. It is estimated that soil erosion reduces farm production 10 per cent to 20 per cent; and that the annual loss to the farms alone is \$500,000,000; and that large losses follow the pollution of the waters and diminution of navigability in the streams.

Indirect Benefits.
Various indirect benefits would arise through the interrelations among the natural resources. The development of water traffic in lieu of rail carriages would reduce the constantly increasing consumption of ties and mine timbers, now a heavy drain on our forests; it would reduce the consumption of iron, since water vehicles require but a quarter to a third of the metal required by rail vehicles of like capacity; and it would correspondingly reduce the consumption of coal for both propulsion and smelting.

Power of Streams.
The direct yearly damage by floods since 1900 has increased steadily from \$45,000,000 to \$238,000,000; the indirect loss through depreciation of property is probably greater; while the largest loss is that arising in the impediment of navigation and terminal transfers.

What We Need to Do.
In considering the uses and benefits to be derived from the 215,000,000,000 cubic feet of water annually received, the paramount use should be that of water supply; next should follow navigation in humid regions, and irrigation in arid regions. The development of power on the navigable and source streams should be kept subordinate to the primary and secondary uses of the water, though other and equal, the development of power should be encouraged, not only to reduce the drain on other resources, but because properly designed reservoirs and power plants retard the runoff and so aid in the control of the streams for navigation and other uses.

Needed Waterways.
In the Atlantic interior system, there should be a deep waterway from Gulf of Mexico to the Great Lakes, and a deep and continuous Atlantic inner passage from New England to Florida; the present plan for improving the Ohio should be carried out promptly, and should be perfected by any forestation and reservoirs required to control the headwaters; the upper Mississippi and the Missouri should be improved and canalized; the lower Mississippi should be connected with the Rio Grande and with the waters of Florida by a deep passage; the navigable rivers flowing into Gulf of Mexico and Atlantic ocean should be improved; and all appropriate links in the system should be adapted to vessels of standard draft, and should be connected with one another and with the Great Lakes by canals of standard dimensions. In the Columbia-Puget system, the rivers should be improved and requisite connecting canals should be constructed. In the Columbia-Sacramento, San Joaquin and Feather rivers should be so improved as to open the country to interstate and foreign commerce.

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Indirect Benefits.
Reckoning the total cost of domestic traffic by rail and water and wagon, with freights on imports, it is probable that the average American family pays for transportation of food and clothing more than 25 per cent of their actual cost—and our consumers pay too much and our producers get too little for the necessities of life. This condition would be relieved by the development of water transportation on an adequate scale.

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TREMENDOUS ASSORTMENT OF HOLIDAY GOODS IN EVERY DEPARTMENT

Never have the people of the great East Side had such an opportunity to do their holiday shopping on the East Side, as this big department store presents this year. Stocks are much larger, variety is greater and values are better here than elsewhere.

Santa Claus in Our Big Basement Toy Department, Saturday, Dec. 12

Afternoon 2 to 5; Evening 7 to 8:30

A PRESENT FOR ALL CHILDREN

Santa Claus will be here again on Saturday, glad to see all the little folks and make a present to each child accompanied by an adult. Come and greet him. Our Toy Department is remarkably complete this season. Toys, Dolls, Games, Doll Carts, Wagons, Velocipedes, Children's Books, Decorations, etc., in great variety and in all prices. You'll find here something to suit most any child.

Crockery, Glassware and Silverware

In Basement Salesroom. You'll find thousands of pretty pieces of Glassware, Chinaware, Silverware, etc., that will make most acceptable presents, and the prices range from 5¢ up.

Ladies' Suits and Coats at One-Third Off

A very special Saturday Sale. Just think, one third off the price of any of this season's choicest and best coats. Garments that are correct in every detail of style, color, fit, and finish. Best shades of blue, brown, gray, green, etc., are here for your choosing. For instance:

- \$18.00 Suits are \$12.00
- \$21.00 Suits are \$14.00
- \$25.00 Suits are \$16.67
- \$30.00 Suits are \$20.00

Rich Cut Glass at One-Quarter Off

To introduce this new department and line of goods, until Christmas you may choose any piece of this elegant rich sparkling Cut Glass at 25 per cent less than regular marked price.

Our New Jewelry Dept.

- Ladies' Brooches. 25¢ to \$3.00
- Ladies' Bracelets .50¢ to \$3.00
- Veil Pins 25¢ to \$1.00
- Fancy Hat Pins. 10¢ to 75¢
- Ladies' Neck Chains. \$2 to \$5.00

\$5 and \$6 DRESS SKIRTS at \$3.38

Handsome tailored dress skirts, of all wool panama. Best pleated style, prettily trimmed with bias bands of silk. Skirts are full width and perfect fitting. Colors are black, blue and brown.

Ladies' Fancy Neckw'r

Superb showing of ladies' new neckwear, suitable for Christmas presents 25¢ to \$1.50

MEN'S BATH ROBES

- \$3.50, \$5.00, \$6.00, \$7.50

Holiday Slippers for Men and Women

Our showing of slippers for men and women is very complete at this time.

- Women's Felt Slippers, fur trimmed. 98¢, \$1.25, \$1.50, \$1.75
- Women's Rubber Heel Juliettes, at \$1.48, \$1.75
- Men's Slippers. 75¢, \$1.00, \$1.25, \$1.50, \$2.00, \$2.50

Men's Smoking Jackets

Special at \$5.00
Colors blue, brown, gray.

Piano Voting Contest

Contest votes are as follows:
Bertha Schutz 25,405
Myrtle Evans 21,308
Mrs. P. Gromi 19,672
Clara Ulrich 9,294
Mrs. W. H. Duncan 7,169
Newton Anderson 5,607
Emily Mohr 2,501
Mabel Stump 2,435
Jennie Galbraith 2,427
Ruth Linzle 2,393
Wm. MacKenzie 2,232
Vedna Bennett 1,855

W. H. Markell & Co.

Leading East Side Department Store
East Morrison, Corner Union Avenue

REED-FRENCH PIANO BARGAINS

A few slashing big discounts to show piano buyers where real piano bargains are to be found.

The pianos are all standard instruments and yet we quote them far less than cheap pianos are usually sold for.

SINGER—Two years used, not damaged in the least.	\$160.00
KINGSBURY—Large size	\$175.00
WILLARD—Hardly a mar on it	\$190.00
CHICKERING—Owner in California and has ordered us to sell at a big sacrifice for quick money	\$250.00
SCHUBERT—Had just enough use to make the tone mellow and sweet; \$450.00 style	\$290.00
SOHMER—Ebony case. We do not carry this piano regularly; agents for Sohmer get \$450 for this style	\$315.00
EVERETT—An exquisitely finished piano; tone A-1; retails at \$500.00	\$330.00
COMBINATION PLAYER-PIANO—Latest style and thoroughly guaranteed; has been used less than a year; retail price \$650.00	\$375.00
OUTSIDE PLAYER—A Cecilian—in perfect working order; \$30 worth of music goes with it	\$430.00

Monthly payments, from \$6.00 to \$10.00. You may see these instruments in the evening. Store open nights.

REED-FRENCH PIANO MFG. CO.

SIXTH AND BURNSIDE STREETS
Store Open Evenings.

HOLSMAN'S

THE HOME OF FINE WATCHES AT LOWEST PRICES.

PRICES THAT TALK

HERE ARE SOME WATCH BARGAINS FOR THIS WEEK ONLY

Ladies' 20-year gold-filled Elgin or Waltham Watch, regular price \$15, our sale price	\$8.85
Ladies' solid gold Elgin or Waltham Watch, regular price \$25, our sale price	\$17.50
Gents' 20-year gold-filled Elgin or Waltham Watch, regular price \$15, our sale price	\$9.50
Gents' 20-year gold filled, 17-jewel Elgin or Waltham watch. Reg. price, \$20, our sale price	\$11.95

All our Watches are guaranteed to keep perfect time, or money refunded. Mail orders filled promptly. Open evenings until 9 p. m. Buy your Watches from the busiest watch store in Portland.
149 THIRD ST., NEAR CORNER MORRISON

WHERE THE FINEST OLIVE OIL IN THE WORLD COMES FROM

The imported Olive Oil known as "Italy Brand" can have no superior. It's the finest Italy has in her orchards, and Italy's Olive orchards are the best in the world. This pure Olive Oil possesses wonderful virtues as a medicine, and it is highly recommended by the profession.

PRICES—Gallon, \$3.00. Half gallon, \$1.60. Quart 90¢.
Especially put up for the United States of America.

ARATA BROS., 69-71 Sixth Main 2531. A2531

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EXCLUSIVE DISTRIBUTORS.

DENY RUMOR OF BIG DEAL

Owners of Old Exposition Building Say No Sale Has Been Made.

Rumors current for the past few days to the effect that negotiations are in progress looking to the erection of a fine family hotel on the site of the old exposition building on Washington street, between Nineteenth and Twentieth, cannot be confirmed. When the rumor was brought to the attention of Russell & Blyth, half owners of the property, it was denied that there is any immediate prospect of a hotel being built on the property, although it was admitted that the owners had been approached a number of times during the past year by prominent realty brokers with various hotel and apartment house propositions, all looking to an extensive improvement of the entire two block front.

When asked as to the report that the property is to be improved, Lewis Russell of Russell & Blyth denied that his firm and F. W. Leebetter, the other owner, had such negotiations on hand that might lead to an early improvement or sale of the property.

"In the past two years," said Mr. Russell, "we have been approached by various interests with propositions to buy the old exposition grounds as a site for a family hotel or apartment house, but so far nothing has come of these offers. Only very recently we were asked by a broker to put a price on the property, but declined at the time to do so."

No more striking example of the immense advance in Washington street value is to be seen than has taken place in this property in the past few years. The present owners purchased it less than 10 years ago for a sum in the neighborhood of \$60,000. There are 23 full sized lots in the tract, and the quarter block at Nineteenth and Washington could easily be sold for a sum in excess of the original price paid by the present owners. A low estimate of the present value of the entire holding would be \$400,000.

The property is admirably situated as a site for a modern family hotel or apartment house, and whether anything comes of the current reports that it is to be utilized for one or the other is the near future, it is regarded as practically certain that it will not long remain in its present unproductive state.

Grangeville Line Opens.

The Northern Pacific's new extension from Colfax, Idaho, to Grangeville, Idaho, was opened for general traffic Wednesday, all classes of freight being received excepting livestock which will not be accepted until the roadbed has settled better. Agents have been established at Reubens, Volmer, Cottonwood and Grangeville. The line is 54 miles long.

Sherman, Clay & Co.

OPPOSITE POSTOFFICE, SIXTH AND MORRISON.

NEW YORK CREDIT ALL OUTFITTING CO.

A LITTLE DOWN \$100 A WEEK

1651-67 FIRST ST. JUST SOUTH OF MORRISON

CHOOSE NOW YOUR Christmas Presents

Choose early—stocks and displays are bigger now and there is nothing gained by waiting. This store is ready to serve you well with the most useful Christmas gifts. Every department is full with holiday goods which will stand the most critical scrutiny.

A Few Suggestions 'Twill Help You

For Ladies	For Men
Furs	Merry Widow Gloves
Feather Boas	Belts
Fancy Silk Underskirts	Fancy Combs
Fancy Muslin Waists	Bracelets
Silk Umbrellas	Handkerchiefs
Robes	Fancy Sweaters

Swell Neckwear
Fancy Suspenders
Gloves
Dress Shirts
Fancy Vests
Silk Umbrellas

Gold & Filled Watches
Gold and Filled Chains
Lockets
Fancy Socks
Fancy Sweaters
Mufflers

Come and make your selection and pay in weekly or monthly payments. Special prices on ladies' Suits and Coats. It will pay you to look them over.