

## WANING OF OUR MINERAL WEALTH

Report to National Conservation Commission Shows Waste Is Tremendous.

IT IS \$300,000,000 ANNUALLY.

At Present Rate of Production Coal Supply Will Approach Exhaustion By Middle of Next Century.

Washington, Dec. 9.—The inventory of the mineral resources of the United States which the section of minerals of the national conservation commission, under the chairmanship of Representative John Dalzell of Pennsylvania, has made during the summer and fall, is a long list of waning supplies. This was shown by the report of the section before the joint conservation conference, which summarizes the figures of the country's mineral wealth. Some of the main features of this report were as follows:

**ANNUAL PRODUCTION.**  
The mineral production of the United States now exceeds \$2,000,000,000 in value every year, and is second only to agriculture as a contribution to our national wealth. It furnishes our light, heat and power, and supplies 65 per cent of the freight traffic of the country. The waste in the mining and treatment of mineral substances during a year is equivalent to more than \$300,000,000.

**COAL SUPPLY.**  
The available and easily accessible supplies of coal in the United States aggregate approximately 1,463,500,000 tons. At the present increasing rate of production, this supply will be so depleted as to approach exhaustion before the middle of the next century. From the beginning of coal mining in this country down to the close of 1907, there were mined 6,865,000,000 tons, and it is estimated that for every ton produced half a ton has been lost or wasted; so that the above production represents an exhaustion of the coal supply to Jan. 1, 1908, aggregating 10,380,000,000 tons. The rate of production has been steadily increasing. The first step in extending the life of our fuel supply, according to the report, should be to lessen the waste in mining, handling, and transportation of coal. But there are equally great possible savings, it says, in the use of the coal, not only in the prevention of waste now recognized as such, but also in discovering means of avoiding the losses involved in the transformation of heat into mechanical and electrical energy.

**IRON ORES.**  
The known supplies of high-grade iron ores in the United States approx-

imate 3,840,000,000 tons, which at the present increasing rate of consumption cannot be expected to last beyond the middle of the present century. If the average increase in the production of coal which has been shown in the past, should be continued, it would require the production during the next three decades of 6,329,000,000 tons. It is evident, therefore, that before 1940 either the production will have reached a maximum and begun to decline, or large use must be made of low-grade ores not now classed as available, or the importation of foreign ores must be greatly increased. It should be remembered that in the future use of low-grade iron ores the condition will be rendered still further unfavorable through the necessary use of low-grade coals.

The known supplies of petroleum, natural gas and high-grade phosphate rock cannot be expected, according to the estimate in this report, to last much beyond the middle of the present century.

**WASTE OF RESOURCES.**  
The waste of natural mineral resources used in building and engineering construction is of three kinds: 1. That due to improper and wasteful methods of mining and preparing for market. 2. That due to excessive use of structural material, because of ignorance of their strength, durability, etc. 3. That due to destruction by fire on account of the inflammable character of building construction and inadequate building laws, and the non-enforcement thereof.

The greatest source of waste of structural materials and of money value is that due to fires, and is one which can be most readily reduced by the substitution of fire-resisting building materials for the inflammable construction now so prevalent. The cost of fire to the country, including not only property destroyed, but maintenance of fire departments, payment of insurance premiums, protective agencies, additional cost of water supplies, etc., amounted to over \$400,000,000 in 1907, or about 50 per cent of the total value of the new building construction in that year. This fire tax exceeded the total value of coal, silver, copper and petroleum production of the United States in that year and was 13 times the interest on the national debt. Four-fifths of this loss, or \$305,000,000, is preventable waste compared with the present European standard of building construction and fire losses. The property loss from fires in the United States in 1907 was \$2.51 per capita, while in the cities of six large European countries it was only 48 cents per capita. The total per capita loss, including interest and maintenance of fire departments, excessive water supplies, insurance premiums, etc., was \$5.34. In addition, 1440 persons lost their lives in fire, while 5,554 were injured.

**LOSS BY FIRE.**  
A notable feature of this fire loss is that 27 per cent was due to fires extending beyond the building where they originated. Such losses are the result of inflammable construction, for with brick and less inflammable buildings fires are more readily confined to the building in which they start. It is even more noticeable that only \$9,000,000 of this loss was on brick, concrete, stone, and other slow burning construction, while double that amount, or about \$18,000,000, was on frame buildings. In the last 33 years the total fire waste amounted to about \$4,000,000,000.

At a reasonable estimate, probably more than one-half the insurance, one-fourth of the city water supply and distribution charges, three-fourths of the fire department charges, and three-fourths of the fire losses, or a total of \$234,192,956 a year, may be reasonably looked forward to as a saving at such time as building construction in the United States shall become as good or better than that now found in European countries.

**MILLIONS OF WOMEN**  
The world famous saponaceous emollient for the skin, scalp, hair and hands.

## NEW FACES NOT VERY NUMEROUS

Senate and House Made Up Generally of Veterans Young and Old.

GOSSIP FROM WASHINGTON.

New Quarters for Census Bureau—Accommodations for Law-makers at Capital.

Special Correspondence.  
Washington, Dec. 6.—The assembling of Congress is always an interesting event. This being the short session, senators and representatives are generally well acquainted with each other. Few introductions are necessary. According to the unofficial list compiled by the clerk, 70 new faces will be seen among the members of the next house when it meets in extra session in March under a call from President Taft. At the recent election Indiana made more changes in its house delegation than any other state, amounting to eight. The Democrats securing 11 out of the 13 members. In the next house new men will be present from the states named below as follows: Pennsylvania, 7; New York and Ohio, 6 each; Missouri and Iowa, 5 each; Colorado, Illinois, Mississippi and North Carolina, 3 each; Kentucky, Louisiana, Maryland, Nebraska, New Jersey, Oklahoma, Tennessee and Wisconsin, 2 each; Alabama, Arkansas, Connecticut, Delaware, Florida, Georgia, Idaho, Maine, Michigan, Minnesota, Montana, Rhode Island, Texas, Vermont and Washington, 1 each.

**CHANGES ABOUT THE CAPITAL.**  
During the recess of Congress several new, modern and swift running elevators were placed in the Capitol. They were much needed, for the crowds of visitors from all over the world increase year by year. The new office building for the members of the house is receiving the finishing touches. It is now in quite comfortable shape. The senate office building the contractors hope to have ready for occupancy by March 4. Senators will each have two rooms; representatives have only one allowed them. Senators have always voted themselves what they pleased. There are no accommodations at present in the Capitol or the old Malby building, which is occupied by senators not chairmen of committees, for the more recently elected, and Messrs. Cummins of Iowa, Page of Vermont and Fletcher of Florida, who take their seats this session, will have their quarters in the new office building rushed to completion.

**QUARTERS FOR CENSUS BUREAU.**  
The understanding is that when the Malby building is vacated by senators the census bureau will take it and quarter a large portion of the clerks therein. This used to be a hotel and was rented and subsequently purchased by the government. It is not far from the ugly brick shack that is used by the census bureau and is itself dilapidated. The force of the census bureau is being increased right along, as the next enumeration of the population is to be made in 1910. There is a modified examination of all men and women who secure clerkships in this bureau, but as senators and representatives have a good deal to say as to

who shall be selected for the temporary positions the pressure for appointments will be intense from now until the time for getting the work well under way.

**PROSPECTIVE NAVAL LEGISLATION.**

There will be another tug of war this winter between the advocates of the four battleship proposition and those who are of the opinion that Uncle Sam will have sufficient navy in due course of time if Congress will regularly appropriate enough money for the construction of only two of these monster vessels a year. Of course it is beyond human endeavor to build even one of the modern ships in a year—it requires about 36 months to complete one—but those who favor the strong navy want more than two to be authorized at a session. The talk around Washington is that President Roosevelt is satisfied with having procured two, for he and other believers in a large navy were afraid last session that the close listed among the national legislators might sell. They then realized that much was accomplished in inducing Speaker Cannon and Senator Hale to agree to two big battleships, and if this number can be secured right along not many years will roll by before the United States will have fleets powerful and large enough to serve notice on the whole world that Uncle Sam might as well do nothing for any power to "monkey" with Uncle Sam in either the Atlantic or Pacific ocean.

**ADVOCATES YOUNG MEN FOR ARMY.**

Senator McCreaty of Kentucky, who voted last session for four battleships, says he favors for his country, the strongest army and navy possible. If he could have his way he would have the army composed only of the young men, the ages to range between 17 and 25, and he thinks only single men should be enlisted. He means the private, however, for the age restriction could not apply to officers. But as this will never come about the girls who fancy soldiers need never worry over the possibility of regulations which will prevent their military beaus from popping the question.

**NEW INCORPORATIONS.**

The Clayton-Daynes Music company, of Salt Lake City, filed amended articles of incorporation with the county clerk, increasing the capital stock from \$100,000 to \$200,000. The Lead Basin Mining company of Salt Lake filed articles of incorporation with the secretary of state Wednesday, placing the capital stock at \$500,000, with shares at 10 cents each. Ten claims in Little Fall creek, Custer county, Idaho, are added to the valuation of the capital stock, of which 230,000 shares are held as treasury stock. The officers are: James Ivers of Salt Lake, vice president; Henry Welsh of Park City, treasurer; and W. J. Buck of Park City and H. W. Veller of Mackay, Idaho, are the board of directors.

**FOR THE HOLIDAYS.**

A large shipment of Fine Japanese Ware—Vases, Rose Jars, Fern Dishes, Comports, etc., in St. Charles, Plates, Sugar-Creamers, Bon Bons, etc., etc. Designs and decorations entirely new.

DESERET NEWS BOOK STORE, 6 Main St.

**A DISCUSSION.**

"Blood Atoneement and the Origin of Plural Marriage."

A pamphlet containing over a hundred pages, has just been issued. This brochure contains a discussion on the questions of blood atoneement, between Joseph F. Smith, Jr., and Mr. Richard C. Evans, the latter gentleman being second counselor to the president of the "Mormons." The questions are entered into exhaustively by both sides, and a great deal of valuable information is given. Elder Joseph F. Smith, Jr., shows by historical data and cogent reasoning that the position of his opponent is untenable. Post paid to any address, 20c. DESERET NEWS BOOK STORE, 6 Main St.

## WEATHER REPORT

Snow is flying again this afternoon, as the local weather office predicted, with a low barometric area covering the country between the south and high near the coast and a high area sitting in from the northwest. The low barometric pressure area has moved eastward to the Missouri valley this morning causing light precipitation over portions of California, Idaho, Montana and Minnesota. Light precipitation is also reported over portions of Vermont and Pennsylvania. Heavy rainfall is reported at Galveston, Texas, 1.15 inch. Over the north Pacific and Atlantic states the air pressure is high, producing fair weather over most of the country. The lowest temperature at time of report is 2 degrees below zero at Northfield, Vt. The temperature changes were generally slight throughout the country.

The weather bureau predicts fair weather tonight and tomorrow, so that present flurry of snow is evidently destined not to last long.

**METEOROLOGICAL REPORT.**

Record at the local office, United States weather bureau, for 24 hours ending at 6 a. m. today: Temperature at 6 a. m., 35; maximum, 46; minimum, 29; mean, 38, which is 5 degrees above normal. Total excess of temperature since the first of the month, 18. Accumulated deficiency of temperature since Jan. 1, 54.9 degrees. Total precipitation since first of the month, .01 inch, which is .38 inch below normal. Accumulated excess since Jan. 1, 5.22 inches. Relative humidity at 9 a. m., 62 per cent.

**TODAY'S TEMPERATURES.**

6 a. m. .... 35  
7 a. m. .... 35  
8 a. m. .... 35  
9 a. m. .... 35  
10 a. m. .... 35  
11 a. m. .... 35  
12 m. .... 35  
1 p. m. .... 37  
2 p. m. .... 37

**YESTERDAY'S RECORD.**

Highest .... 46  
Lowest .... 29

**FOR YOUR XMAS PRESENTS.**

Why not give some calling cards? We print them Right. Quality—Appearance. THE DESERET NEWS.

**90 PER CENT**

of the readers of the Semi-Weekly News are Farmers, Stockmen and Ranchers. Advertisers desiring to reach this class of buyers, can find no paper in the West that will serve their needs so well.

**UNIVERSITY NOTES.**

The girls' Gymnasium club of the University of Utah will give an informal social, to members only, Friday afternoon. Special dances and games have been provided for, and refreshments will be served.

A "last chance" leap year party has been arranged by the lady students of the University, the girls, under Miss VanCott, to have entire arrangement and supervision. The proceeds will be

devoted to the library and physical culture building. The last similar affair was an immense success, and the one scheduled to take place before the close of the present leap year promises to be not one wit behind its predecessor.

Assistant Coach E. J. Milne has returned from Mantl, where he had been coaching the basket ball

team of that place. He reports good athletic material abounding in Mantl, that soon will be a good acquisition to the U. of U.

**LEGAL BLANKS.**  
Of every character and description, arranged from the best legal forms, and brought strictly up to date. A full supply always on hand at the Deseret News Book Store.

## For CHRISTMAS WE RECOMMEND

The New Steinway  
**Miniature Grand Piano**  
(Trade Mark)  
is proving a constant and increasing source of wonderment and delight to all musicians and music-lovers. Scientific experiments and acoustical researches have determined the exact size, namely, five feet ten inches, necessary to reproduce the remarkable attributes and qualities of our larger Grand Pianos. Any Grand under this size crosses the danger line, as it cannot yield a tonal result superior to that of the discarded Square or the present Upright Piano. The full, rich and sweet tone of the Steinway Miniature Grand and its dainty appearance are already giving the utmost satisfaction to thousands of purchasers, and we recommend a thorough examination and trial of this unique instrument to anybody desirous of possessing a Grand Piano, but who does not wish to exceed the investment of in a Piano Purchase.

Don't run away with the idea that a "Steinway" is beyond your reach. You'll be surprised at what easy terms one may be purchased from us.

In Utah You Must Buy a Steinway at  
**Clayton-Daynes Music Co.**  
109-113 Main St.

**"The Paris."**  
The Christmas Shopping Store.  
Friday's Special Offerings  
PATTERN HATS \$5.00.  
Charming Mid-Winter Millinery.  
Embracing a vast assortment of \$10.00, \$12.00 and \$15.00 Hats. Every Hat portraying the highest conception of Master Designs and reflecting Style Whims from the most modest to the highest extravagance of style. All adorned with beautiful trimmings of Ostich, sweeping Aigrettes, Paradise and Realistic Flowers. Making one of the grandest collection that we've ever shown—thus assuring that every individual taste can be met.

**\$8.00 MILLINERY \$3.45**  
Your special attention is directed to this remarkable special, these Hats referred to are shown in a great diversity of styles, handsomely trimmed in Ribbons, Fancy Feathers and Beautiful Flowers, making it a very desirable Hat for all occasions, and priced within the reach of all.

**\$5.00 Ready-to-Wear Hat \$1.95**  
Certainly an astounding value. We make these sensational prices to clear the stock out quickly, as from now on we must have the space to show Our Immense stock of Holiday Goods. We wish to call your special attention, while visiting our Millinery Department, to our Vast assortment of Dolls. Display at left of elevator.

**An Immense Sale of \$7.50 and \$8.00 Panama Skirts \$5.45**  
Friday and Saturday, a new shipment, just received and shown for the first time at this sale. They are made of a beautiful quality of the Clifton Panama gored model. Extra full sweep—nicely trimmed, colors, black, navy, brown, a good range of small, medium and large sizes. Special Friday and Saturday.

**\$5.50 Silk Petticoats \$3.95**  
An extra special, a beautiful Clifton Taffeta Silk Petticoat, deep flounce, shirred. Extra full sweep, many desirable colors as well as black, all lengths.

**\$13.00 Beautiful Evening Dresses-- \$7.95**  
Friday and Saturday  
Our New York buyer purchased these at a great price concession. They are made of a beautiful quality of the lustrous mercerized batiste, princess front, empire back, handsomely trimmed with lace and tucks, lace yoke, high décolleté collar, the new long-length sleeves, the skirt lace and tuck trimmed, deep flounce set on with lace insertion; different styles to select from; colors, pink, blue, white and others, with the embroidered colored dot, making a beautiful dress for evening wear.

**CHRISTMAS SHIRT WAIST SALE A ROUSING SUCCESS.**  
Never before have we had such a tremendous response to a sale—never before such values. And tomorrow hundreds of beautiful Waists will be added to the already large assortment. There are dainty hand-made Battenberg at almost One-Half. Beautiful Net Laces from One-Fourth to One-Third off. French Wool Batistes and Brilliantines from One Half, One-Third and One-Fourth off regular prices.  
Now is the time to secure a beautiful waist for Christmas. They make an acceptable gift. We invite you to attend this, our Greatest Shirtwaist Sale.

**Sample Sale of Coats \$6.95.**  
An all wool coat value up to \$12.00 to be found on sale Friday and Saturday at the above sensational low price of \$6.95. Never before have we had the opportunity of presenting such a value as this. They are nicely trimmed, lined to the waist, semi and tight fitting back, red, brown, black; sizes from 34 to 46.

GARDNER DAILY STORE NEWS  
MAIL ORDERS PROMPTLY FILLED

Every Suit in the store has been included—not one reserved  
U. S. weather report: Fair tonight and Friday.

## A Determined Clothing Sacrifice

The orders have been issued; the edict has been uttered; the Gardner store has determined to close out all Winter Clothing during the season when people are in need of such clothing. It means a shameful sacrifice of thousands of dollars worth of fine Suits and Overcoats, but the loss is not to be considered—we will be satisfied only when every winter garment is out of the house.

### MEN'S SUITS

Every suit in the house included—not one reserved—blacks, blues, full dress and pattern goods all must go.  
\$10.00 Suits are reduced to...\$7.00  
\$12.00 Suits are reduced to...\$9.00  
\$15.00 Suits are reduced to...\$11.00  
\$18.00 Suits are reduced to...\$13.00  
\$20.00 Suits are reduced to...\$15.00  
\$25.00 Suits are reduced to...\$19.00  
\$30.00 Suits are reduced to...\$22.50  
\$35.00 Suits are reduced to...\$26.25  
\$40.00 Suits are reduced to...\$30.00  
\$45.00 Suits are reduced to...\$33.75  
\$50.00 Suits are reduced to...\$37.50

### MEN'S OVERCOATS

\$20.00 Overcoats, now...\$19.00  
\$30.00 Overcoats, now...\$28.50  
\$40.00 Overcoats, now...\$37.50  
\$50.00 Overcoats, now...\$47.50  
\$60.00 Overcoats, now...\$57.50  
\$70.00 Overcoats, now...\$67.50  
\$80.00 Overcoats, now...\$77.50  
\$90.00 Overcoats, now...\$87.50  
\$100.00 Overcoats, now...\$97.50

### Boy's and Children's Clothing

This great slaughter embraces every winter Suit and Overcoat in this department. It is an opportunity for parents to supply the needs of their little ones that rarely comes at this season of the year to anyone in any locality. To buy Gardner Clothes at the prices now in effect is to reap a genuine harvest of bargains.

### SUITS—All styles, all colors, blacks and blues included.

\$2.50 Suits; Sale price...\$1.85  
\$3.00 Suits; Sale price...\$2.25  
\$3.50 Suits; Sale price...\$2.65  
\$4.00 Suits; Sale price...\$3.05  
\$4.50 Suits; Sale price...\$3.45  
\$5.00 Suits; Sale price...\$3.85  
\$5.50 Suits; Sale price...\$4.25  
\$6.00 Suits; Sale price...\$4.65  
\$6.50 Suits; Sale price...\$5.05  
\$7.00 Suits; Sale price...\$5.45  
\$7.50 Suits; Sale price...\$5.85  
\$8.00 Suits; Sale price...\$6.25  
\$8.50 Suits; Sale price...\$6.65  
\$9.00 Suits; Sale price...\$7.05  
\$9.50 Suits; Sale price...\$7.45  
\$10.00 Suits; Sale price...\$7.85

## A Man's Christmas.

Frivolous articles have very little attraction for men. To please "him" buy him something useful. An article that he needs but has forgotten is always appreciated because of the thoughtfulness displayed. These are timely suggestions:

Silk Handkerchiefs, 25c to...\$1.00  
Linen and Cotton Handkerchiefs, 10c to...\$5.00  
Initial Handkerchiefs, 15c, 25c, 50c...\$1.00  
Suspenders, in individual cartons, 50c to...\$3.50  
Dress gloves, 75c to...\$2.25  
Umbrellas, 75c to...\$12.00  
Silk Mufflers, 50c to...\$3.50  
Suit Cases, \$3.50 to...\$18.00  
Ties, 10c to...\$1.50

## Early Buying Is Urged

You have more time to decide and our salesmen have more time to assist you.  
Proportionate reductions prevail on Men's Pants and Overcoats. We do not quote prices here for lack of space.

ONE PRICE J. P. GARDNER 130-132 MAIN ST. THE QUALITY STORE