

## LABOR SITUATION IN UNITED STATES

A little while ago we told of the paucity of help in such producing lines as coke, iron and steel, textiles and, of course, on the farm also. But now comes another industry, lumber cutting and mill working, with a similar plant. The lumber trade papers intimate that scarcity of labor may cause a reduction in the cut of lumber, and the mills are also affected. This branch of trade has been experiencing a sharp revival in demand, and in some instances night work is deemed essential to keep abreast of requirements. But labor is scarce all over the country, stocks are light and with slight prospects of outputs increasing enough to cover demands prices will likely strengthen. Reduced immigration to this country can be held responsible for much of the shortages of which complaints are made, and heavy losses from emigration also enter as factors. But the immigration would probably be large enough provided the respective units were properly distributed. Thus, 838,172 immigrant aliens came into the country during the twelve months 239,275 were destined for New York, 109,479 for Pennsylvania and 67,118 for Illinois.

But it must be allowed that smart advance in trade following a comparatively lean period makes the short supply of labor seem conspicuous. Other countries are drawing on our supplies, and during the quiet spell we experienced, following October, 1907, many aliens departed for their native places in order to evade the high prices prevalent here. Whatever the cause there is a shortage of industrial as well as domestic help, which fact has led one of the metropolitan papers to suggest that negroes might profitably be employed on a larger scale as domestic servants. While speaking of the negro, it is worth noting that a study of the recent census by Dr. T. J. Jones of the Bureau of Education, indicates that 40 per cent of all the agricultural workers in the South are negroes, numbering approximately two and one-third million men. Of these 890,000 are farmers, 218,000 of whom own their own farms. They own and cultivate 15,702,579 acres,

which they have acquired in less than 50 years. Negro farms have increased 20 per cent in ten years, according to the census, while the negro population has added to itself 10 per cent. White men's farms have increased but 18 per cent, while the white population grew 24 per cent. —Bradstreet's.

### A MECHANICAL PROPHECY

Adding machines that swallow sums in seven or eight figures and turns out the results while the operator is taking his hands off the levers are familiar sights nowadays. They seemed complex enough when they were new, but they are simplicity itself when compared with the latest mechanical prophet the government has procured for its use at Washington.

This wonder takes account of 39 different factors that may affect the tide at any point, and, having been told what they are, will predict the height of the tide at that point for any hour of the day in the year, or last or next year, or 10 years from now.

Just what are the 39 factors that may influence the tide it is not for the layman to attempt to elucidate. Even the 19 which the superseded predictor knew about are mostly hidden in the realm of mystery. But that there are 39 the interested officials are certain, and it may be added that their machine understands and appreciates them.

Some of these elements, of course, are easy to name, such as the relative positions of sun and moon, the sun's distance from the earth and consequent power of attraction the nature of the coast, whether the tide rises directly in an open sea or must flow up an inlet, the depth of the inlet, the breadth, the volume of water that must pass through it, the prevailing weather for that time of the year.

For each of these conditions and for everything else in the 39 there is a pointer on the dial of the machine. This dial connects with an eccentric on the shaft of the wheel on the back of the computer. Shifting the pointer, shifts the eccentric and alters the relation of that one with the other elements so represented. Over the various wheels runs an endless chain, gearing them all together. The machine is operated by clockwork, and there is a printing appara-

tus attached, so that the operator has only to set and start the machine and it will go ahead turning out predictions about the tide.

The proper arrangements of the points and wheels was, of course, the result of enormous and tedious labor; but, once the figuring was completed, the work of the computers was finished. Even the simple little affair of 19 variations formerly in use did away with the need for many clerks, and thus eliminated many standing chances of error from tidal predictions. —Sunday Magazine.

### SETS CONTRACT

ON \$509,900 BID

San Francisco, Jan. 13.—W. W. Anderson company were awarded contract to build the Machinery Exhibit Palace by the committee on buildings and grounds of the 1915 exposition. Their bid was \$509,900. The floor area of the building is over eight acres, nearly six times as large as the old Mechanics Pavilion of San Francisco, formerly located at Larkin, Hayes, and Grove streets, which will be remembered as being a very large building. There will be over a mile and a half of ornamental cornices on this building. The machinery Hall will be notable by reason of the fact that it is the greatest example of frame construction and engineering ever attempted on the Pacific coast.

### BIDS WANTED

Bids for the removal of all garbage from the districts within the fire limits of Logan City for the year 1913 will be received at City Recorder's office room 18 court house up to 8 o'clock p. m. Tuesday, February 4, 1913. The right is reserved to reject any or all bids.

HENRY G. HAYBALL,  
Commissioner of Public Safety  
(Advertisement)

### ESCAPED AFTER FIFTEEN YEARS

W. P. Broyles made a successful escape after fifteen years of suffering from kidney and bladder troubles. Foley Kidney Pills released him and will do just the same for others. He says: "They cured a most severe backache with painful bladder irregularities, and they do all you claim for them." Refuse substitutes.—Cop Drug Co.—(Advertisement).

# Half Price Embroidery

## SALE

Most Select Line Ever Shown In Logan

Sale Now On

## ELIASON SISTERS

87 North Main, - - - Logan.

# Howell Bros.

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### Is Now On

Here's your chance to pick up big values for Little Money

Seldom do you get as good a chance to save on your winter Clothing as this sale offers. There will be plenty of cold weather yet, and you'll need things to wear right along. Why not buy them now?

Its The Same

Fresh, New, Seasonable,  
Guarantee-to-give

Satisfaction Merchandise

We've been Selling All Season. Come and you will be delighted. You will be surprised to find such splendid values in Mens Clothing, at Prices so Low.

If You Want Good Dependable Clothes At A Big Saving Take Advantage Of This Sale

Remember Where Quality Is Sacrificed there is no saving. Remember a Howell Brothers Sale is always Genuine. Big Bargains in all Departments.

# Howell Bros.

Logan's Foremost Clothiers