

causes, as some have supposed. The mycelium of some undetermined fungus from pine has been cultivated by Kutscher, a German biologist, in decoctions of beech bark and agar-agar, the result being a white, brilliantly luminous growth.

The obvious advantages of the phonograph have been at last recognized by the French town of Etampes, whose municipal council has adopted the apparatus as a recording secretary.

### ITEMS FROM HYRUM.

Hyrum, Cache Co., March 24th, 1895.

The proprietors of the Hyrum Woolen mills received a car load of machinery yesterday, and additional buildings must be prepared for its reception. This will give additional employment. Messrs. Housely & Baron last December bought machinery for making blankets. They now will manufacture yarn, linsey, linsey sheeting, wool batting, hose and blankets—in fact, everything other woolen mills make. Thus is Hyrum forging to the front. These mills were brought from Brigham City by the late James Baron in 1892. This firm have orders for all the yarn and wool bats the mills will be able to turn out this year. It is a custom mill and is a great boon not only to Hyrum but to the county.

Mr. Pingree of Ogden has been here and encouraged our farmers to plant the sugar beet for Ogden sugar factory. In years past our farmers have raised beets that have been tested at the Agricultural College experiment station at Logan, and have been pronounced first-class; but just so long as the railroads pass us by on the other side, just so long will our growing industries be more or less crippled. If the swinging of the loop around here was a gigantic labor we would say nothing about it, but when it can be done at so little cost and with such inducements, ye local is of the opinion that great corporations sometimes, like justice, are blind.

The storm has been long and very severe, but a blessing nevertheless. Before it came there was little or no snow in the mountains, and there was a very poor prospect for an abundance of water. Now all anxiety is removed. Mr. Jackson, a miner, who is working a large and valuable copper mine about 28 miles up Blacksmith Fork canyon, at a point known as Saddle Creek, near the Danish dugway, says that the snow is seven feet deep and they would need snow shoes. This water will come down to the valley and give plenty, yea, an abundance for man and beast.

With our electric plant, box and wood working factory, enlarged woolen mills and prospective roller flour mill, are we not fast coming to that point mentioned by the late Apostle George A. Smith, who came here with President Young many years ago, and seeing our beautiful situation, being only four miles from five or six flourishing towns, around us, said: "Some day Utah will become a State and Cache county will become so thickly populated that it will be divided into two counties and Hyrum will be the county seat of southern Cache." One part of this prediction has come to pass, we are a State. The other will, for well does the poet say:

"The prophecies must be fulfilled,  
Though earth and hell should dare oppose."

I know the mentioning of this makes some of our north men squirm, but one gentleman asked your correspondent "What is that large tract of land vacant in the center of your city for at the northwest corner of your public square?" My answer was that it is for our county court building when

southern Cache will be organized as it surely will be.

Before this storm our roads were dry and our grangers taking off their coats, and preparing for spring work, but now the foot and a half of snow is melting into the ground and the mud on our public highways is any depth you please. You Salt Lakers have been made to sweat and go deep into your jeans for your paved sidewalks and streets. They are worth it. If you doubt, come into our knee-deep mud and weep. Some say naughty words, but it is very wicked.

SALOP.

### O, THE BIG FLOODS

Pittsburg, Pa., March 23.—The Allegheny and Monongahela rivers will probably reach a stage of thirty feet of water tonight. Tremendous rains fell at all points in the two upper valleys last night and the water is rushing towards Pittsburg at a rapid rate. Extensive districts are already flooded in Allegheny.

The reports from the upper river stations show that from one-half to nearly three inches of rain fell at different headwater points during the night.

Great damage is reported and fears are entertained that the flood will be as great as in 1884. About five o'clock this morning there was a sudden rise in the Allegheny river and a clean sweep was made on the Allegheny side between Chestnut street and the railroad bridges. All coal floats, coal boats, shanty boats, rafts and everything afloat were swept away, wrecked, sunk, entailing a loss of many thousands of dollars. While no lives were lost there were many narrow escapes from drowning.

The heavy rains have caused many landslides and washouts on the railroads and the through service west of this city is badly delayed. At Carbon, Pa., a Pittsburg & Western freight train went through a bridge widened by the flood. Engineer Lake was killed and Fireman Bradley fatally hurt.

The Panhandle road is practically closed to traffic. The bridges between Steubenville, Columbus and Dennistown are covered with water and it is feared they will be swept away. All through trains are coming in over the Fort Wayne.

The Wheeling branch of the Panhandle is in bad condition and no trains are being run on the New Cumberland branch. The Chartiers branch has not been interfered with to any extent. At Dubois the water is higher than it has been since the Johnstown flood.

A Leader dispatch says Sabula dam, about four miles above Dubois, is expected to break. If it should many lives will be lost. The railroad tracks are washed away and traffic is completely blocked.

On the Fort Wayne road, Lutsdale and Fair Oaks are under water.

Considerable damage is reported to private property. Much damage is being caused in and about Braddock. Many families have been forced to leave their homes and several manufactories suspended operations. The Westinghouse works at East Pittsburg and the Braddock wire works are both flooded and shut down.

Scores of families in the Turtle Creek valley are leaving their houses and are moving their furniture to the hillsides. In many cases the water has reached the second story windows.

At 1 o'clock this afternoon the water was still rising here with 28 feet, 9 inches on the marker.

After summing up his up-river reports today local forecaster Frank Ridgway gave out the following river bulletin:

Richmond, Ind., March 23.—Heavy floods are doing incalculable damage. The large bridge over Whitewater river had been destroyed by fire and water. The city electric light plant is drowned out. The Starr piano factory and the Nixon paper mill have suffered heavy loss. Many people have been driven from their homes. The streets are badly damaged.

Dayton, O., March 23.—Dayton is in worse danger than at any time since 1866, when the central part of the city was flooded. The Miami river shows 18.2 feet at the government gauge and is rising. Last year when about \$50,000 damage was done the river's highest mark was 16.4 feet.

North Dayton is completely under water and about 300 houses are almost covered. There were several narrow escapes, but no lives are reported lost. The backwater is doing great damage below the city. Three of the six trolley lines in the city are blocked and the steam railroads north of the city are demoralized.

At this writing the levees protecting Miami City and Riverdale, populous sections, are in danger and every effort is being made to strengthen the levees. The water is in the cellars in the central portions of the city and large and valuable stocks of merchandise will undoubtedly suffer so that the loss in that direction alone will be tremendous.

Riverdale is flooded by the breaking of the levee of a hydraulic canal. Miami City levees are leaking and in danger. The damage will be tremendous. River still rising, raining. A thousand families are suffering.

Columbus, O., March 23.—The worst local flood in the history of the Scioto river is in progress here. Thirteen of fifteen railroads cannot get train in or are homeless and 500 more house are homeless and 500 more house are flooded. No lives lost so far.

Cincinnati, O., March 23.—The rain still continues. The river at 10 a. m. reached danger line and was rising four inches an hour. The real danger point is fifty feet. It requires over 53 to reach the railway tracks. With the river rising rapidly from Pittsburg to Cincinnati, and with the rain still falling it is difficult to see how a disastrous flood can be avoided. River men and others hope for the early appearance of cold weather to check the flood.

Frazeyburg, O., March 23.—On account of high waters on the Baltimore & Ohio railroad between Zanesville and Newark, B. & O. passenger train No. 105 with four cars was running to Newark over the C. M. & V. and Panhandle.

About three miles east of Frazeyburg high water had undermined the roadbed for 200 yards. The train struck the hanging track at the rate of 45 miles an hour, throwing the engine, Pullman and day coach from the track. The train was running in reverse order, the engine being coupled to the Pullman. No one was seriously injured, but a few received cuts and bruises. Passengers and crew were brought to shore in boats.

St. Louis, March 23.—A regular Dakota blizzard prevails in St. Louis and vicinity, extending down into Arkansas and in part of Illinois. Last night the temperature began to decline, and today at 8 o'clock a fall of 48 degrees from the highest point registered yesterday was reported by the local weather officials. Shortly after 2 a. m. the rain which had prevailed all day yesterday and last night, was turned into snow and the ground is covered with a wet and heavy mantle. Such weather is unprecedented for this season of the year. The cold weather which prevails all through this section and down into Texas will doubtless do considerable