FACTS ABOUT LAST YEARS' FLOODS section of the whole drainage area of the Kansas river, the water flowing

10

Geological Survey Department Makes a Study of The Subject.

The year 1903 had perhaps more than its fair share of natural calamity -of flood, and fire, and famine. In the United States, during May and June there were three notable floods, which caused serious loss of life and great destruction of property-one in cussed; also the danger of building Oregon, one in South Carolina, and one in Kansas. A recent publication waterway and increasing the magniof the United States Geological Survey, scheduled as Water Supply and by straightening the channel is men-Irrigation Paper No. 96, contains a tioned and the use of levees is exdiscussion of the valorus phenomena plained. connected with these floods and suggest means for minimizing the destructiveness of future deluges. The author of the paper is Mr. E. C. Murphy.

The flood of shortest duration occurred on Willow Creek, Morrow county, Oregon, Sudnay evening, June 14 1903. It was the result of what is popularly called a cloudburst, a heavy rain storm of short duration covering a very small area trains today with his old friend, and peculiar to arid regions. The flood that rose as the result of the

heavy downpour of rain lasted less than an hour, but in that short space location. It is his purpose to quit of time one section of Heppner, a the livery business and engage in town with a population of about some other line. He would prefer 1,400, was swept entirely away, a the furniture business or some merquarter million dollars worth of prop- cantile pursuit. This is his first trip erty was destroyed, and more than to Sumpter. He likes it. This is 200 people were drowned. The great the way he talks: loss of life was partly due to the "Salem is an old settled commu-

peculiar construction of the houses nity. There are substantial interests in Heppner Nearly all these houses there, but things go too slow to suit were built on posts of wood or stone, me. Sumpter people are kicking from which the flood lifted them and about times being quiet, but they carried them away to be dashed to pieces against trees and other obstructions. The South Carolina flood occurred have the stuff in them to make busion June 6, 1903, and continued for ness. Mossbacks certainly do not nearyl 24 hours. In that time there was a ranifall of from 3 12 to 5 inches than can be said of the average Oreover an area of about 2,500 square miles to the southern slope of the deal of any kind, it is more than Blue Ridge Salluda mountains, inprobable I will locate here." cluding parts of Cherokee, Spartanburg, and Pickens counties in South fore leaving with the Case Furniture Carolina, and Rutherford, Polk, and Company people with a view to buy-Henderson counties in North Carolina. This area is drained by three small tributaries of Broad river, known as the Pacolet, Tiger, and Enoree. The principal damage HERE TO LOOK AFTER wrought by the flood was on the Pacolet, where numerous cotton mills were rained and much railway property was destroyed. The Kansas flood occurred during the last week of May and the first G. H. Wheeler, of Wheeler & week of June. It affected a much Company, New York financial agents contract that work on the property larger area than either the Heppner for various Sumpter district prop. must begin July 1, but the necessary or South Carolina flood and was due orties, arrived in the city this morn. detention of Mr. Swiggett will probto a storm that lasted nearly a week, ing and will spend about a month ably delay operations for a few days

### **THE SUMPTER MINER**

#### per second. In other words, if there RICH DIRT AT had been a storage reservoir one acre in area and 7 ½ feet in depth in each THE BROWN BEAR.

Jack Hazlewood came back Satur-The whole river bottom was flooded, day from his Brown Bear placers on crops were destroyed, stock was Eagle creek. The ditch ou which work has been progressing for some time has been partially completed. and sluicing has been begun.

The ditch has been carried from bridges were swept away. Traffic in the diggings to Brown Bear creek and eastern Kansas was almost entirely this supply turned in. The intensuspended for two weeks. The prop- tion, however, is to carry it to Dixie erty loss in Kansas and in Kansas creek, a mile and a half further, and City, Missouri, is estimated to have tap this upply also, which will furnish plenty of water for a long sea-Among the subjects considered in son. It will take about a month to this paper are the effects of ground complete the ditch. The water from storage, of cultivation, and of forests Brown Bear, the present terminus of in reducing the magnitude of floods. the ditch, however, will be sufficient The effect on streams of dams, of to carry on operations till the Dixie bridge piers, and abutments is dis- creek is reached.

These placers show every evidence out into streams, thus narrowing the of extremely rich dirt. So far as prospected, Mr. Hazlewood says, the tude of floods. The releif afforded gravel will average over one dol lar to the cubic yard.

## RANGE WAR IN GROOK COUNTY HAS STARTED.

The first depredation as a result of the conflicting territories occupied by the cattlemen and sheep owners in this county occurred last Monday, when 65 sheep belonging to Allie Joues were shot and killed on Mill creek by masked men, who threatened a greater slaughter if the band was not removed from that locality.

The killing happened on the west side of Mill creek, the herd of sheep being in charge of Tom Paine, who was surprised and unable to offer any resistance when the attack occurred.

This first outbreak against the sheep marks the first step in the range difficulites which are likely to be encountered during the coming season. The scene of the killing is in the district in which an effort was made a short time ago to establish



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PROBABLY WILL INVEST HERE

in the river on May 31 was sufficient to have more than filled all of them.

drowned, wooden bulidings were

lifted form their foundations an

brick houses crumbled and fell,

railroads were undermined, and

been no less than \$22,000,000.

J. A. Simpson, a prominent liveryman of Salem, was here between Sheriff Harvey K. Brown, who is here on official business.

Mr. Simpson is looking for a new

lines. The territory was visited by a seem lively. People are on the jump and everything seems brisk to me. You evidently have people who inhabit your town, and this is more Journal. gon community. If I can strike a

The United States Goological Sur- investigating his interests. has fortunately six gaging Mr. Wheeler's firm is financing the NONstations in the watershed of the Blue Bird, Buckhorn, Valley Queen Kansas river and has, therefore, a and Elack Entre. He will leave comprehensive record of the surface tomorrow for the Blue Bird and will ductuations of the river and its make a systematic investigation of Chicgo, Milwankee and St. Paul railremember of trinbfartes during the the devicepment work being done at mad. Office 131 Thrid Street, flood. The records at Lawrence and the various mines. These properties Portland, Oregon. Low rates to all Lecompton, on the Kausas river, are regarded as among the coming points East, in concnetion with all cover a period of 22 years. The dividend pavers of the district, and transcontinentals. estimated flow of the Kansas river are now in process of thorough denn Muy 31 was 225,010 edille feet velopment.

Mr. Simpson had an interview be ing in there. He prefers furniture if he can find an opening in this line.

# HIS MINING PROPERTY

party of sheep owners from Antelope and it was believed that matters could be satisfactorily adjusted between them and the cattlemen in that part of the county. But nothing definite was decided upon and it is expected that the old lines will hold good this year. -- Crook County

# SICKNESS OF FATHER WILL DELAY WORK.

L. V. Swiggett, who recenly took over the Golden Chariot, in Bear gulch, through Dr. Brock, has been detained by the serious sickness of his father at Helena, Montana, and will probably not arrive here before the 4th or 5th of July.

It is stipulated in the terms of the only. \*

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