

IRRIGATION WORK IN STATE COVERED BY CENSUS REPORT

Chief Statistician of Department of Agriculture Takes Up Magnitude of State's "Arid Land" Development.

Washington, Oct. 8.—Census Director Durand issued today the first official statement from the census bureau relative to the statistics on irrigation in Oregon. It is based on a preliminary comparative summary submitted to Dr. Le Grand Powers, chief statistician of the division of agriculture in the bureau of the census, under whose supervision it was prepared by H. P. Yeele, special agent in charge of irrigation.

This summary shows for 1909 and 1910 the number of farms irrigated, the acreage irrigated, the total cost of irrigation systems, and the average cost per acre irrigated. It shows also for the year 1909, acreage irrigated with pumped water and the average annual cost of maintenance and operation. It shows for 1910 the acreage which existing enterprises were capable of supplying, the acreage included in existing projects, the number of independent enterprises, total length of ditches, number of reservoirs, capacity of reservoirs, number of flowing wells, number of wells pumped for irrigation, the number of pumping plants, and engine capacity of pumping plants. The acreage irrigated is classified by the type of enterprise supplying water and by the source of water supply.

Full Information.
The act of congress of February 25, 1910, under which the census of irrigation is being taken, provides for collecting full information concerning the location, character, and cost of irrigation enterprises under national, state, or private control; the acreage of land irrigated; the price at which land with water rights can be obtained; and the quantity of water used for irrigation. It should be noted that the figures are subject to revision after more complete tabulation, but it is not expected that there will be any material modification of the totals or percentages reported.

Acreage, Equipment and Cost.
The total number of farms irrigated in 1909 was 6469, against 4636 in 1899, an increase of 2033, or 43.9 per cent. Within the same period the number of farms in the state had increased 27 per cent, indicating that irrigation is increasing more rapidly than dry farming in the state.

The total acreage irrigated in 1909 was 688,129 acres, against 288,210 acres in 1899, an increase of 399,919 acres, or 74.3 per cent. During the same period the improved acreage of farms increased 34.4 per cent, indicating again the rapid advance of irrigation. The area irrigated was 16.1 per cent of the improved land in farms in 1909 and 11.7 per cent in 1899.

Amount of Acreage.
The total acreage which all enterprises were capable of irrigating in 1910 was 350,526 acres, an excess of 144,397 acres over the area irrigated in 1909. The acreage included in projects either completed or under construction in 1910 was 2,237,208 acres, an excess of 1,841,079 acres over the area irrigated in 1909. This indicates the area which will be available within the next few years for the extension of irrigation, and shows that the area irrigated can be almost tripled without the construction of additional works.

The number of independent enterprises reported in 1910 was 3746. The total length of main ditches in 1910 was 648 miles, against 523 miles in 1899, an increase of 23.6 miles, or 14.4 per cent. The number of reservoirs reported in 1910 was 276, having a combined capacity of 1,317,370 acre feet. The number of wells pumped for irrigation was 91 and the number of pumping plants 229. The engine capacity of pumping plants was 3278 horsepower. The acreage irrigated with pumped water was 8711 acres.

Cost of Irrigation.
The total cost of irrigation systems reported in 1910 was \$12,589,044, against \$1,843,771 in 1899, an increase of \$10,745,273, or 588.2 per cent. The average cost per acre in 1910 was \$18.28, against \$4.75 in 1899, an increase of \$13.53, or 217.7 per cent. The average cost of operation and maintenance per acre in 1909 was 75 cents, against 22 cents in 1899, an increase of 53 cents, or 240.9 per cent.

The acreage irrigated in 1909 has been classified according to the state and federal laws under which the works were built or are operated, as follows: United States reclamation service (act of congress, June 17, 1902), 22,000 acres, or 3.2 per cent of the total; United States Indian service (various acts of congress), 429 acres, or 0.1 per cent of the total; Carey act (act of congress, August 18, 1904), 24,750 acres, or 3.6 per cent of the total; irrigation districts, 1500 acres, or 0.2 per cent; cooperative enterprises, 149,985 acres, or 21.9 per cent; commercial enterprises, 77,287 acres, or 11.2 per cent; and individual or partnership enterprises, 410,078 acres, or 59.8 per cent.

Works to be Turned Over.
Works built by the United States reclamation service and by Carey enterprises are to be turned over to the water users for operation and maintenance. Including these, 88.7 per cent of the acreage irrigated in 1909 was supplied by works controlled by the water users.

Streams supplied 646,866 acres, or 94.3 per cent of the total acreage irrigated in 1909; lakes supplied 23,736 acres, or 3.5 per cent; wells supplied 1460 acres, or 0.2 per cent; springs supplied 10,788 acres, or 1.6 per cent; and reservoirs supplied 3279 acres, or 0.5 per cent.

BLACK RIVER FALLS, HOUSES COLLAPSE

Buildings Topple as Water Recedes; Stream Runs Down Main Streets.

(United Press Leased Wire.)
Black River Falls, Wis., Oct. 8.—Two companies of troops are patrolling the river above and below here today to prevent looting of wrecked houses and stores, and to assist in sanitary work. The essential work of T. A. Cross and Chippewa Falls in rushing relief trains with food and supplies has averted a famine.

The waters of the Black river are receding today, and the undermined buildings are collapsing. It has been decided to rebuild the town on the hills on the west bank of the river. The municipal dam has been dynamited in an effort to restore the river to its normal channel, but the water still continues to flow through the principal streets of the town.

AMERICA MAY BE BENEFITED BY WAY

(United Press Leased Wire.)
Washington, Oct. 8.—American financiers, it became known tonight, hope to reap a harvest from the Turkey-Italian war in the form of a \$50,000,000 railroad construction concession in Turkey. Germany was America's chief rival in the efforts of the state department to obtain the concession, but the refusal of the kaiser to aid the sultan in the crisis has enraged the Turks against the Germans.

DRY FARMING CONGRESS IS SOON TO BE OPENED

Colorado Springs, Colo., Oct. 9.—The list of speakers for the sixth International Dry Farming congress and International Congress of Farm Women to be held in this city October 14 to 20, is announced today. Never before in the history of agriculture have so many noted men gathered solely for the discussion of farm subjects.

ABEL KIMBALL'S WIDOW SUES TO BREAK HIS WILL

(Special to The Journal.)
Seattle, Wash., Oct. 9.—Mrs. Belle Kimball, widow of Abel George Washington Kimball, a pioneer whose wealth in real estate alone is conservatively estimated to be \$300,000, has gone into the superior court with a petition to set aside the will on the ground that the last purported statement was procured by fraud on the part of Henry Kimball, a brother.

"OREGON" TO BE PUT IN FIGHTING TRIM

Washington, Oct. 9.—Aside from the historic interest of the center of attention in naval circles in connection with the mobilization of the Pacific fleet at Los Angeles harbor, including the Oregon, there are now five battleships in only partial commission, and the navy department is eagerly watching the progress being made to put the vessels on a war footing.

IONE INCENDIARY BURNS SALOON AND 4 STORES

(Special to The Journal.)
Ione, Or., Oct. 9.—Fire was discovered in what is known as the old Midway building at 2 o'clock Saturday morning. Fire first discovered the back and interior of the building were in flames and before the fire department could respond the fire had spread to the other adjoining buildings. The origin is unknown, but it is generally supposed to have been the work of an incendiary. The buildings destroyed are Oscar Cochran's saloon and four empty store buildings. The loss is about \$6000 and very little insurance was carried.

Seventy per cent of the gold in the possession of civilized man is in the form of coin.

CIGARMAKER SAYS A BOMB WAS USED

Havana Resident Believes He Can Throw Light on Times Dynamiting.

(United Press Leased Wire.)
Havana, Oct. 8.—It was not gas but a bomb which blew up the Los Angeles Times building, according to a story in El Mundo, today, by a man who calls himself Angel Carballo and says he is a cigar maker, formerly of Tampa.

The bomb was made, Carballo says, by an anarchist, who intended to blow up the Citizens' committee in the cigar makers' strike at Tampa. The plan was abandoned, however, and the anarchist disappeared, only to turn up later and tell Carballo that the explosive had been used on the Los Angeles Times building. He is working for the Panama canal now, adds El Mundo's informant who declares he speaks to free innocent men of suspicion.

JOYS AND GLOOMS OF A JAPANESE NEWSPAPER

(United Press Leased Wire.)
Tokohama, Oct. 8.—The Japan Daily Herald, which recently declared a lock-out against its compositor, is creating considerable discussion here today with an editorial explaining its reasons for so doing. The foreman of the composing room, says the editor, was dismissed because he drew salaries, including overtime, for men not in the employ of the newspaper, and shared the graft with the printers.

The men struck to compel the reinstatement of the foreman. The editor was in despair. Just when it looked as though the paper could not be published a line of wagons drew up in front of the newspaper building. "To our unspeakable joy," says the paper, they proved to contain a consignment of labor saving machinery from England. The machinery was quickly installed. They did the work of hand setters, and the paper got out on time.

DEBUTANTE WILL DANCE BAREFOOT BEFORE 400 OF "SEATTLE'S ELITE"

(United Press Leased Wire.)
Seattle, Oct. 9.—A day afternoon local society will turn out in force to attend an unique entertainment at the home of Mrs. John W. Considine, at which Miss Jessie Geldard, a prominent young society woman of San Francisco, will give a barefoot dance which is staged as the feature of the afternoon.

SLAYER OF HUSBAND IS INDICTED IN TEXAS

(United Press Leased Wire.)
Abilene, Texas, Oct. 9.—Lacy Haggard Matheson, who shot her husband six times, killing him almost instantly when she found him in the house of Stella Ramsey, a negro, on Thursday, was indicted here for murder by the Taylor grand jury at a special session called today. An indictment charging assault on murder and adultery was returned against the Ramsey woman.

CONSUL SAID HARSH THINGS; RECALLED

(United Press Leased Wire.)
Galveston, Texas, Oct. 9.—Because Miguel M. Diaboli, Mexican consul at San Antonio, some time ago said "Texas is hell," he has been recalled by his government. His statement was made in connection with the lynching of a Mexican boy. During the revolution, Diaboli was a staunch supporter of President Diaz and made many enemies among his countrymen.

DISSATISFIED WITH OIL LAND, COMPANY MAY SUE

(Special to The Journal.)
Hood River, Or., Oct. 9.—It is reported that the Hood River Oil company, which has large holdings in the Vale oil fields, will begin suit to recover several thousand dollars location and prospecting fees paid for locating the claims belonging to 23 individual members of the company. It is reported that after investigation by the company several of the locations were found upon land that was already occupied by settlers and who had homestead filings on the land at the time it was represented to be open for filings for oil purposes.

Pastor Harris' House Afire.

(Special to The Journal.)
Hood River, Or., Oct. 9.—Sunday afternoon with a high wind prevailing, the residence of Rev. E. A. Harris, pastor of the Riverside Congregational church, caught fire. The timely arrival of neighbors and the efforts of the minister soon had the fire under control.

Water Commission Proposed.

(Special to The Journal.)
Hood River, Or., Oct. 9.—That the municipal water plant management will be wholly divorced from the city council's supervision seems inevitable. Several of the councilmen are greatly in favor of turning the entire management of the plant over to a water commission that shall be appointed or elected. A large number of applicants has filed applications for the office of water superintendent and general manager. It is thought the matter will be decided at tonight's session of the council.

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