

## Jupiter Pluvius Will Be Good To "Dry" Farmers This Season

### Records of Reclamation Office Show Rainfall to Date Exceeds Seasons' Total for Five Preceding Years; "Wettest" Year Forecasted.

The meteorological records of the United States reclamation service office in this city afford a comparison that augurs well for the grain and other farm crops to be harvested next year. As has been aptly stated, it is the fall, winter, and spring moisture that influences the growth of crops here rather than the winter, spring, and fall moisture, and last month, November, was favored with precipitation to the amount of 3.44 inches, a greater amount than in any year since 1910, when the records showed 5.18 inches. This month, to date, there has been precipitation to the amount of 2.43 inches, more than fell during December of last year. Ordinarily, January has been a comparatively wet month, and February has been wetter still. March, according to the record, at least for ten years, has had an average rainfall of slightly less than an inch, and when April and May roll around, the crops, generally, are in the ground. The harvest will then depend upon the amount of moisture in the ground, and the cultivation and care with which the growing crop is favored. Indications point to a good harvest next year.

Below is a table taken from the local reclamation office, and presents interesting information, particularly to farmers, who are able to compare the moisture of any year with the crop harvested:

	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20
Jan.	1.66	2.92	2.33	2.57	4.25	1.46	2.58	13.6	1.17	0.64	0.28
Feb.	2.19	0.55	1.79	0.95	0.79	1.95	0.90	1.91	1.92	3.02	0.10
Mar.	0.51	0.41	1.05	0.50	0.02	0.47	1.31	0.84	0.79	0.99	1.18
Apr.	0.28	1.10	1.11	1.05	0.80	0.91	0.34	1.24	0.32	0.48	1.61
May	0.97	0.77	1.45	0.71	1.67	1.72	0.55	0.73	0.12	0.60	0.33
June	0.19	0.24	2.80	2.54	1.63	0.90	0.75	0.03	0.08	0.47	0.65
July	0.24	T	0.18	1.37	0.00	0.64	1.57	T	0.26	0.17	0.65
Aug.	0.00	0.00	1.89	0.71	0.02	0.10	0.02	0.46	0.05	T	0.01
Sep.	0.63	0.53	1.04	0.14	0.68	0.12	0.00	0.52	1.08	0.66	0.17
Oct.	1.62	1.17	0.51	0.32	1.32	0.16	T	0.00	1.82	0.28	1.02
Nov.	5.18	0.87	2.51	1.99	0.63	2.61	1.19	2.40	1.45	0.48	3.64
Dec.	1.19	1.15	2.62	3.16	0.24	1.40	1.77	0.45	0.55	2.21	*2.43
	19.70	9.73	19.18	16.11	12.38	11.74	10.98	10.14	9.57	9.40	12.07

Note.—\* To date.  
The above table tells at a glance that 1912 was the "wet" year, closely approaching 1910, the "wettest" year of the decade. Since 1912 the precipitation has steadily dwindled, but 1921 seems due to stage a comeback, as with only a part of the season recorded the precipitation exceeds the total for the preceding five years.

## D'Annunzio Yields; Amnesty Given All

TRIESTE, Dec. 30.—Hostilities at Fiume ended last night and D'Annunzio is reported to left the city by airplane.

LONDON, Dec. 30.—Under the terms accepted by D'Annunzio at Fiume, his legionnaires will be dissolved. All will be granted amnesty. D'Annunzio is expected to go to South America.

## WATCH NIGHT SERVICES AT METHODIST CHURCH

Watchnight services will be held tomorrow night at the Methodist church. There will be music, games and addresses to while away the evening. All are cordially invited to attend.

## Worst Is Over, Says Philadelphia C. of C. President

BOSTON, Dec. 30.—Belief that business adjustment and price deflation is more than half completed and that the worst is over was expressed today by Allen B. Johnson, president of the Pennsylvania state and Philadelphia chambers of commerce, in an address to the Boston chamber of commerce.

## MAIN DANCE WILL AID FIRE DEPARTMENT

Much interest is being taken in the dance to be given in Malin on New Year's eve, Friday night, and as the proceeds of the dance will be added to the Malin fire department fund, the interest has thereby been increased. Good music and a good time. That's the word that has gone out from Malin. Everybody is invited.

## CONFIRMS SUPPLEMENTARY IRRIGATION DIST. CONTRACT

A decree confirming the legality of the acts of directors of the Klamath Irrigation district, resulting in the execution of a supplementary contract with the United States for the building of canals and other irrigation works by the government was issued by Judge Kuykendall yesterday. The petition for a confirmatory order was not protested.

## Joy Unconfined at County Infirmary

Another dance will be given at the county infirmary Saturday night, announces J. H. Short, superintendent. Admission will be \$1 a couple and the ladies are asked to bring a basket supper. Mr. Short will furnish coffee. The proceeds will be used to make a payment on a billiard table just purchased by Mr. Short for the amusement of the inmates. He says they're getting a large amount of pleasure out of the games.

They also have the new phonograph working overtime, and the musical atmosphere is increased through performances on the new organ, a Christmas gift from the Episcopal guild of this city.

## POSTPONE ENTERTAINMENT

On account of the holiday rush and of pressing business matters to come before the Legion Post No. 8 of the American Legion, at their regular meeting on January 4, it has been decided to postpone the entertainment which was to have been given on that night for the Womens Auxiliary to a latter date which will be announced at some future time.

## Hall Again Head of State C. of C.

PORTLAND, Dec. 30.—Charles Hall of Marshfield was re-elected president of the state chamber of commerce late yesterday afternoon. J. T. Rorich of The Dalles, E. E. Brodie of Oregon City and W. P. O'Brien of Astoria were elected vice presidents and Leslie Butler of Hood River, treasurer.

## WEATHER INDICATIONS.

The Cyclo-Stormograph at Underwood's pharmacy commenced to register a rising pressure at four o'clock this morning, thus indicating the forenoon. Since noon the barometer has been falling slowly. As the pressure is still very low another storm may be approaching.

Forecast for next 24 hours: Probably fair—cooler, with brisk winds which will diminish.

## BARGAIN SALES EACH WEDNESDAY SHOW PROGRESS

Klamath Falls merchants are "up and coming" all the time. That's one of the many reasons why the city in which they are doing business is "up and coming" also.

Unquestionably, the foundation of the success of the business institutions of the city is due to the ability of the men behind to recognize the value of advertising, and to grasp the fact that advertising pulls instead of jerking. Therefore, they know that the successful advertiser advertises in all seasons of the year. He adapts the nature of his advertising to the seasons.

Now, the live ones of this city have fallen in line with a well tested advertising scheme. The idea is to have bargain days every Wednesday. On that day each advertiser will put some article on sale at a remarkably reduction, and as a large number of local merchants will be included in the list, the town dweller or Mr. and Mrs. Farmer can take a jaunt through the business section and secure bargains in practically every line. It would be just one big, glorious shopping expedition.

But, there is another motive behind this movement. It is too true that there is a large number of residents of this community who do a steady business with mail order houses. They do this in spite of the fact that the results of mail order purchasing is far from satisfactory—in spite of the fact that when they buy from mail order houses they are buying something they have not had an opportunity to examine, and generally at a loss of precious time, and at prices that the not really low prices, when every phase of the situation is considered.

Furthermore, the money they thus circulate in San Francisco, Chicago, New York, and other mail order centers, would be of service to them if it were circulated in their home community, and he spends it right here—at home—and the buyer gets the benefit from it either directly or indirectly. But he gets the benefit just the same.

Local merchants are entering this bargain day project determined to show local people that it pays to buy at home. Frankly they are going to offer for sale articles at bed rock prices, prices that cannot be overlooked, and they know that when the person who takes advantage of the sale enters a store, it will not be a very hard matter to call the buyer's attention to the quality and prices of other articles, and to convince Mr. or Mrs. Buyer that Klamath Falls merchants can do better by them, 12 months in the year, than any mail order house in the country can do.

The mail order house, local merchants and other considerate people say, has no interest in this community other than that of extracting from it all the money possible. The local merchant is not actuated by such principle. His home is here, his interests are here, and every time he can please a customer he has done something to bind that customer to him, and to the community, and all this is a potent factor in the upbuilding of his home community. Your interests are his interests, and during these Wednesday bargain day sales he is going to demonstrate that the mail order business is a menace that can serve neither your interest nor his.

You can buy at home as cheaply as you can from the mail order houses. More than that you get the satisfaction to which you are entitled. That's the gist of the local merchants contention. Therefore, he offers you these bargains and in offering them he knows that you are going to consider them real bargains in every sense of the word.

The merchants who is going to offer these Wednesday bargains will advertise the article he selects for slaughter in The Herald every Monday. Furthermore, he will place a placard in his window which will tell you that he is one of the live ones. You have a chance every Wednesday, beginning next week, to do a mighty profitable day's shopping. Read the ads in The Herald every Monday.

## APPROPRIATION MEANS WEALTH FOR KLAMATH

While both houses of congress have yet to pass upon the \$1,213,000 appropriation for the Klamath reclamation project, reported favorably yesterday by the house appropriations committee, according to a special dispatch to The Herald, the committee's report will carry great weight, and the outlook for congressional ratification of the appropriation as recommended is bright. In other words the committee's report put the big appropriation well in the clear and smooth sailing from now on is anticipated.

At one time it seemed possible that the local appropriation would be trimmed to about two-thirds of the size reported, owing to opposition from other communities with big projects underway, but apparently that opposition is overcome.

More than any other cause the flattening of the opposition is due, those on the inside know, to the influence and indefatigable efforts of Congressman N. J. Sinnott, whose interest in this district is undivided and supreme.

The \$1,213,000 appropriation will give the local project approximately three times the fund for development that was available for the current year, said H. D. Newell, project manager today.

The appropriation will be used for the furtherance of four pending developments: the completion of the Henley flume; Langell valley development; Horsefly reservoir development, and the completion of canals and diversion works to bring the Tule lake lands under irrigation. There are other recommendations, but these are the big outstanding projects that will be speeded by the appropriation.

The Tule lake development means the construction of the C-G cutoff which will allow the flow of water, carried from Upper Klamath lake through the present canal system, into Lost River, the building of a diversion dam in Lost River below Merrill, and then building of canals and laterals to convey the water to the fertile lands of the Tule lake bed, which even under "dry" farming this season produced stupendous grain crops.

Klamath can count on unrelaxed vigilance of Congressman Sinnott and his colleagues in congress to put the big appropriation through as it stands and the application of the fund to the project will mean an advancement that will increase the wealth of Klamath county many fold in the next few years.

## MRS. THOMAS HAMPTON GETS \$500 PHONOGRAPH

Mrs. Thomas Hampton of this city, is now the owner of the beautiful \$500 Edison phonograph which has been the object of so many covetous glances and words by everybody who has seen it for practically the last month in the Star drug store.

Mrs. Hampton did not hold the first number drawn on Christmas eve, but she held the second one, and when the holder of the first number did not present himself or herself within the prescribed five day limit, she claimed the instrument. It was delivered to her today.

## TWO LOCAL COUPLES ARE UNITED IN MARRIAGE

Frank Ottoman and Miss Blanche Weckerbauer, both of Malin, were married last evening by the Rev. S. J. Chaney at the home of Mr. and Mrs. Morris Bryan on Lincoln street. The bridegroom is a student at the Oregon agricultural college. The bride is a recent arrival from Bohemia.

Cameron S. Wilson, employed by W. D. Miller, contractor, and Miss Nola A. Pollock, of this city, were also married last evening by the Rev. Mr. Chaney. The wedding took place at the Methodist parsonage.

Then step out and do your duty to yourself, your family, and show a little consideration for your pocket book. Seeing is believing, and you are going to see something when the Wednesday bargains are announced.

## Shasta Valley Irrigation Plan Is Outlined by California Engineer

### Link River Dam and Storage Reservoir in Upper Lake Essential to Project for Development of 135,000 Acres; Might Close Copco Plant.

SACRAMENTO, Dec. 30.—Plans for the irrigation of some 135,000 more acres of lands in the Shasta valley of Siskiyou county from water that would be stored in Klamath river have reached the stage where it appears feasible, but the need of a comprehensive survey to determine the cost is needed.

This is according to Major P. M. Narboe, assistant state engineer, in a statement regarding the status of the preliminary work for the project.

Some 30,000 acres of lands in the valley now are being watered from the Shasta river, a tributary of the Klamath river, flowing from the northern slopes of Mt. Shasta. This acreage is all that this stream can water. Desire for added irrigation in the district, in order that some 135,000 acres more may be brought under irrigation and to a higher degree of fertility, thereby increasing crop production has caused landowners to consider tapping the Klamath river. To obtain this water storage must be resorted to the Klamath lake being dammed at the lower end and lands at the northern end diked, in order that they will not be inundated.

Owners along the lower margin of the lake also would need to be reimbursed.

Dr. Elwood Mead of Berkeley was in Washington, D. C., last week conferring with Secretary of the Interior John Barton Payne. He is seeking to have the United States reclamation service make the survey to definitely determine the cost of the project. The feasibility of the project from a physical standpoint, according to the state engineer's office, is well determined. The diversion from the Klamath river would be largely by gravity.

The power company recently finding that the flow through the Klamath river is large during the winter period and small during the summer, cannot obtain the flow needed during the dry season to add to the generating capacity of its Copco power plant.

Water diverted higher up the Klamath river and taken into the Shasta valley and then dropped into the Copco plant would generate a greater amount of power due to the greater water fall. This would be due to the fact that the mean elevation of the Shasta valley is considerably in excess of that at the Copco plant. Exemplifying this is the statement that half the flow of water dropped into the plant from an altitude some 240 feet higher would give the same generating capacity now given by the plant.

A statement as to the plans, purposes and claims of the district as made by W. W. Watson, engineer of the district, is as follows:

Its ultimate purpose is the irrigation of Shasta valley. Its immediate purposes is a complete investigation of its possibilities. It is expected that that investigation will be made by the United States reclamation service and financed by the district.

Shasta valley is in Siskiyou county, California. It extends from Mt. Shasta on the south to the Klamath river on the north. It has an average altitude of 2500 or 2600 feet and a climate which provides for four crops of alfalfa per year. It contains approximately 125,000 acres of tillable land. Its fertility is already demonstrated. Its rainfall is hopelessly inadequate. All available water within the valley has been appropriated and put to work.

This is serving a small fraction of the whole area. Irrigated, this valley would probably (and comfortably) support 20 times its present population. It needs irrigation and is worth irrigating.

As part of the Klamath drainage basin, Shasta valley is entitled to irrigation with Klamath river water. All data at present available indicate that this can be accomplished economically and without serious injury to any other projects within that basin.

The Klamath river flows from the Upper Klamath lake south and west through Southern Oregon and Northern California to the ocean. The proposed diversion is near Keno, Ore. Since the river has no considerable tributaries between Keno and Upper Klamath lake, it is upon this lake and its feeders that we must depend for our water supply. This supply is adequate. The mean annual runoff measured over a period of sixteen years, has been 1,600,000 acre-feet. All the lands of the Klamath basin above Keno, which it has been planned should be irrigated with Klamath river water, will require less than 600,000 acre-feet. The remaining 1,000,000 (or more) acre-feet, under the present scheme of things, are not available for irrigation and are producing very little power.

This water will continue to be wasted until the runoff shall have been regulated by means of a dam at Klamath Falls, Ore., and dikes to protect the marsh lands and manufacturing plants north of Klamath Falls. Such dam and dikes are practicable and are essential to the various Klamath irrigation projects and to the development of power in large quantities with Klamath river water, available for the irrigation of Shasta valley. Dam and dikes will be built in any case. That waste will not be allowed to continue.

The California-Oregon Power company, under contract with the reclamation service, has undertaken to regulate part of this water supply in order that they may have a more stable flow for their plant at Copco, California.

Copco is lower than the greater part of Shasta valley. Water used at Copco for power cannot be made available for the irrigation of Shasta valley or of any other considerable agricultural area. Our plan will, therefore, interfere with the operation of the Copco plant. However, we propose to divert our water at an altitude of 4080 feet and deliver most of it for distribution at an altitude of 3000 feet. Along its main lines of delivery, then, and without interfering with irrigation, this project can develop approximately seven times the power possible at Copco with the same amount of water.

It seems logical that the California-Oregon Power company lease this power. The company has investments and some undisputed water rights on the Klamath river. Just what would constitute a fair settlement between the district and the company should be determined by a board of experts. We are not conscious of any fight.

The officers of the power company have expressed their readiness to help in the development of this valley. We believe that the project will be able to offer them an equitable settlement and a chance to supply electricity to a constantly increasing market.

Briefly, the plan is to irrigate Shasta valley with stored water from Klamath lake, without interfering with the agricultural needs of any part of the Klamath drainage basin and without reducing the power possibilities of the Klamath river.

## Five Year Wheat Pool Sought By Oregon Farmers

PENDLETON, Dec. 30.—Eleven representatives of state farm organizations meeting here yesterday considered submitting a contract for a statewide wheat pool to the state farm bureau federation at its convention at Portland next month. The farmers union and state grange will also be asked to endorse the plan. The pool would last for five years.