

TWO OBSERVATION STATIONS NEEDED IN WEATHER WORK

WASHINGTON, April 4.—(AP)—Two additional observation stations, located probably in America and Asia, and accurate recording of the sun's changes of radiation over a period of years will be necessary, in the opinion of Dr. C. G. Abbot, assistant secretary of the Smithsonian Institution and director of its astrophysical observatory, to determine the exact extent to which weather depends upon solar changes.

The sun's heat, Dr. Abbot believes, governs the earth's temperature and rainfall, and a change in it must modify these. The astrophysical observatory began with the problem in 1902, commencing to observe solar radiation in Washington, but the impure atmosphere here necessitates its removal. The institution now maintains observing stations at Mount Harqua Hala, in Arizona, which has been continuously occupied since October 1920, and on Mount Montezuma, nearly 10,000 feet high and about 12 miles from Calama, in the nitrate desert of Chile.

Two Stations Needed

Two additional first-rate stations are desirable, Dr. Abbot believes, at well separated points in cloudless regions, where winter observations might be more favorable. Due to lack of funds at the present time, the Smithsonian Institution is unable to undertake this program. Before selecting sites for the proposed new solar observing stations, Dr. Abbot thinks \$5,000 would be needed to make a preliminary survey. For each new station it would require from \$10,000 to \$15,000 for original installation, and from \$8,000 to \$12,000 annually for continuous operation, depending on location.

Pointing out that during the past two and a half years, on the whole, the solar heat appears to have been continuously below normal, Dr. Abbot said that of late months the tendency to rise has become apparent, so that it seems likely that higher values soon will prevail again.

Forecasts Accurate

During the past year the institution has received from its Arizona and Chile stations each day a report of solar observations of the day preceding. These have been made the basis of forecasts for the temperature of New York City for several days in advance. Mathematical methods, Dr. Abbot said, show that these forecasts "indicate some degree of real precision, however slight, in solar observation, even to five days in advance." A continuation of this work is intended.

SINSLAW DREDGING PLANS POSTPONED

No dredging of the Siuslaw river should which was provided for in the river and harbor bill passed by the last congress will be done this year, according to members of the Port of Siuslaw commission following receipt of a communication from Captain George Mayo, United States engineer with headquarters at Portland.

The following is the letter received: "Referring to your letter of March 18 in regard to dredging of the Siuslaw river, I will state that this office has not as yet received any instructions in this matter. And as the Siuslaw project was only approved at the last session of congress it is not likely that any work can be done this season unless a special allotment is made by the chief of engineers."

Mr. Miller Speaks Word of Future

EUGENE, Ore., April 4.—(To the editor)—As I have been thru all the building booms Eugene has ever had, many are asking my opinion of the present activity in city building. Notwithstanding I have seen Eugene grow from less than 300 to its present size, outside conditions have so changed that any opinion based on all historical experience might easily be erroneous. The whole United States has changed from a debtor to a creditor nation. Instead of paying Europe large sums for interest on borrowed money as we did in all times before the war, the situation is now reversed and Europe pays us. Then again, the state of Oregon as a whole, is being lifted out of its life long isolation by its splendid system of great highways building east and west.

Paulina is a Chip Off the Old Block



Judging by the look on Paulina Longworth's face, she is a true descendant of her famous granddaddy, Theodore Roosevelt. For she certainly seems to be saying "How-What's the big idea?" as she poses for her first state photograph.

While the highways now carry far more traffic than do the railroads, still the latter will remain the main aid to business traffic on long hauls, until the airship develops to take its business. The highways and railroads now building practically assure Eugene of access to limitless resources for ages to come. It is now up to our people to reach out for these natural resources and put them into human service.

I believe our city officials whose duty it is to study the needs of the city know what they are doing when they ask for additional bond money and that the city will have a healthy growth that will justify the expenditures. Substantial public improvements help attract new capital and new improvements help pay any additional tax.

GEORGE MELVIN MILLER.

Re-Dedication of Church Tomorrow

HARRISBURG, April 4.—(Special)—Sunday, April 4, has been dated as a gala day in the history of the local Christian church. Preparations are all completed for its rededication and the observance of its 55th anniversary. The edifice has recently been refurnished and remodeled in its interior at a considerable expense. The affair is to be an all day meeting with many special invitations sent out and the public also cordially invited.

The basket dinner will be served in the culinary rooms of the school house in order to accommodate the crowd anticipated.

The program is outlined as follows:

10 a. m., Sunday school.
11 a. m., (past) "Historical Retrospect," Dr. D. G. Clark; Solo, Miss Sylvia Gillfillen, (vocal instruction, E. B. U.); Sermon, "The Past," H. E. Knott, pastor.

12 noon, Basket dinner.

2:30 p. m., (present) "Bible school's contribution to the community," Clarence Reynolds (pastor Corvallis church); Solo, W. F. Naukville (pastor Halsey church); "The Significance of the Lord's supper," Alvin Esson of Albany; Solo, Mrs. C. Carey of Halsey; "The Power of the Gospel," E. Wood (pastor of the Brownville church).

8 p. m., (future) Solo, Miss Sylvia Gillfillen; Sermon, "The Future of the Harrisburg Church," H. E. Knott, pastor.

Reports on Roads Of State Received

Reports on the roads of the state for the benefit of week-end motorists were received today at the office of the Oregon State Motor association. The report states that the McKenzie highway is good as far as Nimrod but in poor condition beyond. The Ashland-Klamath Falls highway is now in good condition again with the exception of one short section. The road between Roseburg and the Coos Bay country and Marshfield is not so good. The Corvallis to Waldport route is fair as far as Alsea but closed beyond that point. The Corvallis to Newport route is good. The Oakridge road is good as far as Lowell but in poor condition beyond that point.

FUNDS FOR LABOR OFFICE REQUESTED

(Continued from page one)

The employment office here would force them into Portland to find employment. Manifestly, a man seeking a job cannot make the rounds of the widely scattered mills of Lane county. There must be some central point to which he can go. At present that point is Eugene. These men starve and spend their money here while seeking work and between seasons. If the employment office here closed they will work through the Portland office and will gather there.

"Since these offices are well advertised and in constant personal contact with all mills and other employers of labor it naturally follows that a large supply of labor for our own home industries will be furnished from Portland and other cities than Eugene and Lane county."

"We believe that the prosperity of Eugene and Lane county depends on the turning of this labor as far as possible through home sources, thus keeping the payroll in the community in which it originates and belongs."

Without city support, federal support for the employment office cannot be expected. In all likelihood it will be withdrawn. The employment office here has maintained government standards and has provided a proper distribution of labor.

"At present our lumber manufacturing concerns provide the greater part of the support for the office. They are entirely willing to do this but they cannot be expected to provide it all, because others, including the city itself, receive benefits from the employment office. And the part the city has been paying is small by comparison with benefits. The city really gets, for its \$43 a month, the services that would cost more than \$500 a month if the city had to maintain the office itself. The government furnishes the typewriters, franked envelopes and stationery for the office."

"The employment office furnishes a contact point for the jobless man and needless jobs. It eliminates necessity for the mill and logging camp worker, the farm laborer or the construction worker applying at a fee-charging agency. Its work is a work of employment, not charity, but it eliminates the necessity for much charity work that would fall upon the city through the presence of jobless men but for the employment office."

"We believe the council should reconsider its action and restore its appropriation to the employment office."

Bold Patterns

Both flower patterns in bold color schemes such as red and black, black and white, and white and red are found in crepe de chine and chiffons.



Get Ready For Easter For-- Easter Is Getting Ready For You!

Easter expects great things of you, young man. It's one time of year that has no time for things from last year and if you are trying to slip by Sunday, the 12th in old clothes—the world is going to know you are slipping—don't worry about that.

The order of things is for an extremely fashionable Easter.

Your order placed today at Green-Kilborn's guarantees you a place in the Easter parade up with the Mayor's carriage.

Fashion Park Easter Suits \$35.00 to \$50.00
Schoble Easter Hats \$5.00 to \$7.00
Earl & Wilson's Easter Shirts \$2.00 to \$5.00
Beautiful Easter Neckwear \$1.00

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Cottage Grove Has Been In Four Places

Mrs. Sarah Ann Sears Has Seen It Move About

By C. M. HYSKELL
(In Portland Telegram)
CRESWELL, April 1.—Mrs. Sarah Ann Sears, 81 years old, spry and optimistic, has been a resident here quite a while. She says Cottage Grove has been in four different places, having been moved about to suit the convenience of the pioneers. At first it was a quarter of a mile north of Creswell. Then they moved it to Willis' ranch, south of Creswell, and later to Hamilton's store, south of Walker. Finally they located it at the present Cottage Grove, some 50 years ago. Each time it was moved the post-office went with it, but the postmaster changed.

Mrs. Sears was a daughter of John N. Wallace, a brick mason, who with two wagons and eight mules, crossed the plains in 1864, on a train of 30 wagons. They left Cheyenne, Wyo., on the 12th of April, but had not gone on the trip. Wallace had a family of six boys and four girls, all born in Platte county, Mo., and moved to Iowa in 1850. He was opposed to the war and, thinking to save his boys from being cannon fodder, he started west in the spring of 1864, there is a surviving son, George Ralph Sears, who lives in early days with C. D. Brantow, afterward superintendent of the Oregon division of the Wells Fargo Express company. Jackson saved his earnings and made good investments and started a bank.

Sarah Ann Wallace was married at Cottage Grove in 1870 to George T. Sears, who in 1852 came across in a wagon train from Arkansas to Howell Prairie, Ore., when he was seven years old. He died here 15 years ago. Of their three children, there is a surviving son, George Ralph Sears, who has charge of their 1000 acre ranch near Creswell.

"Of my father's family of ten children I am now the only one left, excepting Mathias, who is a Methodist preacher at Dinuba, California," said Mrs. Sears. Of the surviving women of that period, Mrs. Miller past 80 years of age, still lives here, with her daughter, Mrs. Lister, Mary Barlow Wilkins, who now resides in Rose City Park, Portland, is a daughter of William Barlow and granddaughter of S. K. Barlow, pioneer builder of the Barlow road, whose bones he buried in the little cemetery at Barlow in Clackamas county.

100 LATE TO CLASSIFY

SEALED BIDS WANTED—Sealed bids for old school building of Bethel school, No. 32, Inquire of A. H. Beebe, Motor Route "A" or C. W. Shumaker, Crow Stage.

FOR SALE—Lawn mower, lantern, 22 ft. ice cream freezer, 1 qt. auto camp stove, rip saw, range and heater, 1108 Washington St. Phone 1552-R.

Harrisburg Road Work Will Start

HARRISBURG, April 4.—The stretch of highway grading through Harrisburg, it is understood, is to be done by the service crew of the highway commission and work will be begun at once. Probably but few days will be needed to complete this job.

The contract for paving the four-mile stretch between here and Junction was awarded by the state highway commission to George W. Reed, a veteran contractor of Eugene. The average cost is to be about 15c under the estimates made or \$1.97 per yard. City Recorder Wadworth was present at the meeting when the awards were made and states that assurances were given him that all additional city paving would be made at the same price per yard as the highway paving not including the grading.

Mr. Reed's contract includes all paving from Junction City to the west end of the Scott bridge and from the east end of the Harrisburg bridge connected with the end of the paving.

Paving Repairs to Streets Progress

Although the work has been somewhat held up on account of rain good progress is being made on the street repair on Willamette street and this will be completed in the near future, according to C. D. Farmer, commissioner of streets. "The repair crew will cover practically the entire city on repair work during the summer and a big program along this line is laid out," the commissioner states. There will be only minor repairs to the mill race bridges this summer as all of the spans are in good condition at the present time, Mr. Farmer said. Several of the macadamized streets were damaged as a result of the freeze last winter followed by thaw. Repair work on all of these is planned.

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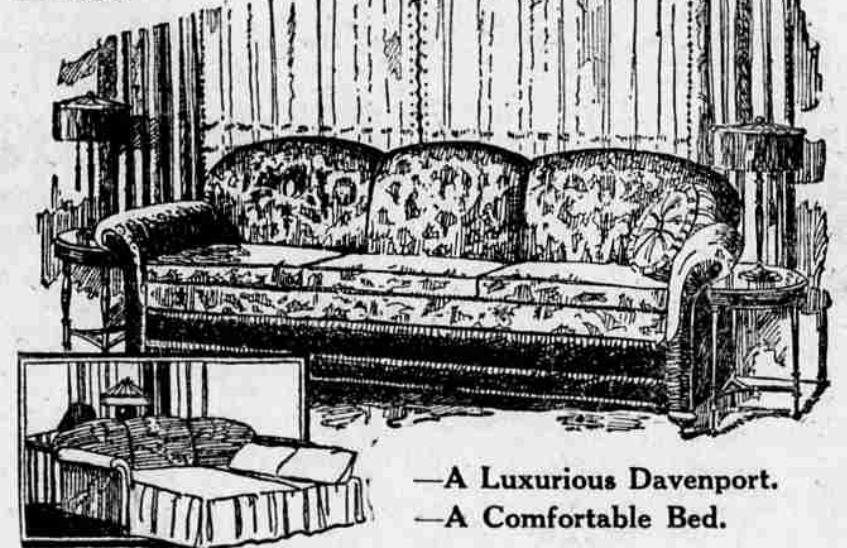
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