

SCIENTISTS READY FOR JUNE ECLIPSE

Delicate Instruments Are Adjusted and Plant Is Closed to Public.

WEATHER CONDITIONS GOOD

Baker Observation Station Closely Guarded to Prevent Destruction of Costly Equipment. Astronomers Busy.

BAKER, Or., June 1.—(Special.)—The observing station of the Government eclipse party at the Baker County fair grounds, which has been open to visitors nightly for the past two weeks, when the people of Baker have had the opportunity of making use of a large telescope and receiving lessons in astronomy from members of the party, is now closed to the public, Tuesday night being the last time visitors will be received by the scientists.

This announcement was made by J. S. Hammond, who heads the Government party. He said that from now on their time each evening will be needed for their own work in making final preparations for their study of the event of June 8, for which they have traveled 3000 miles and brought a carload of apparatus, to observe.

Tuning up the delicate instruments and rehearsing the programme for their studies will be the order from now on. Each member of the party is assigned to some particular instrument, camera or spectroscopic, for operation during the passing of the eclipse, and much time will be required in practicing the carrying out of the schedule, which has been worked out to cover the 113 seconds of totality, for which brief period all these plans have been made. The seconds will be counted off by chronometer beats and on each count some particular thing will be done and the rehearsals will be devoted to getting this work down to the finest possible point.

Navy Tent Blown Down.

During the high wind Tuesday one of the large Navy tents, housing the Faith transit, was blown down, carrying the delicately adjusted instrument with it. Fortunately it was not damaged, but the accident made necessary entire readjustment, a matter of several hours' work for the whole party. The damaging of this instrument would have greatly handicapped the study, as the Faith transit is equipped with a zenith telescope and is used in determining the latitude and time, registering the former to within a distance of 10 feet and the latter to within 1-100 of a second.

The weather conditions the past few days have been perfect for astronomical work and indications are that they will continue so until after the eclipse, but the scientists are a bit worried over the dusty condition which prevails. It has been so dry and windy that the atmosphere is very dusty and if this continues on the day of the eclipse it will hamper the work. In order to reduce the possibilities of trouble from this source to a minimum, people will be urged to remain away from the observing station on the day of the eclipse. It is pointed out that the phenomenon can be seen as well or better from other points and that the work of the scientists will be altogether uninteresting to watch. The party of sailors from Bremerton Naval Station, who have been doing the carpenter work necessary in construction of the station, will act as a guard at the fair ground gates, which will be locked.

Instruments Are Adjusted.

As the principal study of the Government party will be of the corona and the composition and extent of the solar atmosphere, three sets of spectroscopes and cameras are now being adjusted, one to work on the inner corona, one on the center and one on the outer edge. Adjustment of these is one of the details of the work yet to be accomplished.

The observing station is being closely guarded, now, that the expensive instruments have been set up and could be accessible should anyone conceive an idea of destroying them.

The members of the party are stopping at a local hotel and while they call on a taxi occasionally, for the most part they walk the mile and a half to and from the grounds for the observing station. Some of them, too, are greatly interested in the mountain scenery hereabouts and when they have time to spare utilize it by a trip to the hills.

The scientists have been receiving many visitors at their hotel as well as at their observing station, usually from people interested in the coming eclipse and seeking counsel as to the best methods of studying it. They are never denied and usually are referred to some standard work on astronomy which they may get from the public library, for further enlightenment. The astronomers are having lots of fun with their cameras, who are hard to put to "square" the weather conditions which the visitors have found here. It has been cold and raw all through the month and the scientists claim they have been the victims of misplaced confidence in picking Baker because of its reputed ideal Spring weather, instead of their running into rain and cold which their forebodings of Washington and Virginia are not at all adapted to.

Dr. George H. Peters, of the naval observatory, although unable to be present during the whole of the visit of the party here owing to pressure of duties at the Navy Department, is more than busy now that he has arrived and is taking an active part in the final plans. He has been all over the world in the study of eclipses, and while his work has solved many astronomical problems, he is taking more than ordinary interest in the coming event, as it will be the first he has actually witnessed, his work on former occasions preventing him from doing so. His information all coming later from the study of the photographs he made, which is the only means the scientists have of gathering material for study, so brief is the period allowed them for observation.

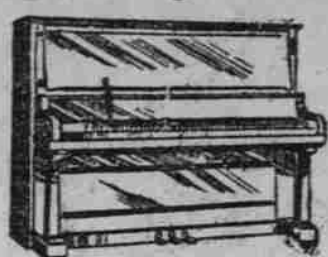
EXECUTIVE ORDER DEFIED

Seattle Health Officer Declines to Free Pardoned Patient.

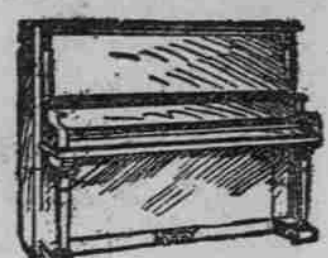
SEATTLE, Wash., June 1.—(Special.)—Following his pardon of James Murphy, a union longshoreman, sentenced to five years for arson, Acting Governor Louis F. Hart today ordered set free May Terry, former Seattle hotel proprietress, sentenced and fined for a violation of the "redlight" abatement order.

The Terry woman is interned in the City Hospital and Dr. J. S. McBride, head of the city health department, declares she will not be freed until she is no longer an alleged menace to the public health. The pardon is said to have been obtained through the efforts of her attorney, A. P. Loomis, former Chief of Police of Tacoma.

Security Storage Co. Offers



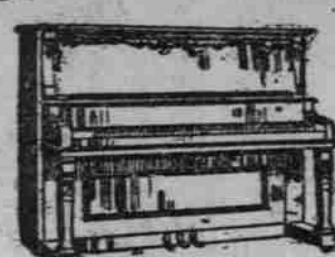
A \$450 Kimball
\$160 Cash



A \$400 Weser Bros.
\$145 Cash



A \$1100 Steinway
\$465 Cash



A \$375 Model
\$215 Cash



\$750 1916 Model
\$345 Cash



A \$425 Model
\$255 Cash

One \$300 Hohler & Hohler Upright Piano.....\$75 Cash
One \$350 Gabler Bros. Upright Piano.....\$95 Cash
3 Parlor Organs, with mirrors.....\$20, \$30 and \$35 Cash

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PESTS CAUSE ALARM

Federal Experts Give Advice to Cranberry Growers.

NEW SPRAYS ARE DEvised

Residents of Seaview Go Over Top in Every War Drive Staged Since America Broke Relations With Huns.

SEAVIEW, Wash., June 1.—(Special.)—"As busy as a cranberry merchant" may be applied to the pests that have been doing all in their power to get ahead of the cranberry growers and the owners of cranberry bogs in many parts of the United States.

To overcome these pests the Department of Agriculture entomological bureau and Washington State College of Pullman co-operating, have established a laboratory here and are spraying the vines so that when Fall arrives and the berries are ready for picking the owners of the 600 or more acres of bogs now in cultivation here will have large crops.

H. K. Plank, who has had a considerable experience in conquering the pests on the bogs in New Jersey, has arrived to take charge of the laboratory and spraying of the vines. He is assisted by Anthony Spuler, of Washington State College.

The principal pest here is the blackhead fireworm which, the experts believe, was introduced from the East on some of the cuttings sent from Wisconsin or the Cape Cod district. At Cranberry Station the cranberry girdler is putting in an appearance, but the entomologists expect to overcome it soon.

For the spraying of the plants several combinations are being tried out on the bogs. One part of nicotine sulphate, to 800 of water and fish oil soap, two pounds to 50 gallons, known as the nicotine-sulphate solution, is meeting with marked success.

Mr. Plank visited the bogs below Astoria and held a conference with the growers. He found that the blackhead fireworm and cranberry tip worm had started to "get busy," but there, too, every effort will be made to conquer the little enemies.

Home-made resin-fish-oil soap in the spray seems to be one of the most satisfactory ingredients. In the Eastern bogs arsenate of lead is used extensively, and some sprays containing that ingredient have been put on small plots.

Because of war conditions there is a great demand for workers. High school boys and girls are planning to work during vacation gathering the great

quantities of sphagnum moss for the Red Cross.

The patriotism of the people of this peninsula is unbounded and they are doing all in their power to help win the war. In Red Cross and Liberty loan drives they have gone over the top with a whoop.

ASYLUM OFFICIALS FOILED

Inmate Escapes, Goes to Canada and Joins Army.

TACOMA, Wash., June 1.—(Special.)—Following the issuance of a warrant by the Immigration department for the deportation of Joe Freedman, United States Immigration Inspector Alex S. Fulton had a surprise today, as did officials of the Western Washington Hospital at Fort Steilacoom.

When Inspector Fulton called he was informed that Freedman escaped from the asylum several days ago. He was to have been deported to Canada. Today a letter came from him saying he had enlisted in one of the Canadian companies and was bound overseas.



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Take Vancouver Cars

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ALL
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Admission 20c
Children 10c



SEVEN
REELS



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Mack Sennett's
"LOVE LOOPS THE LOOP"
With Mary Thurman and Chas. Murray

LIBERTY