

ASTRONOMER TELLS HOW AND WHERE TO BEST VIEW ECLIPSE

Residents of Portland May Reach Path of Totality in Three Different Ways—East or South Side of Columbia River Nearest Points.

BY SIDNEY D. TOWNLEY. Professor of Astronomy, Leland Stanford, Jr. University.

While lecturing at various places in the states of Oregon and Washington I have found that the people are becoming greatly interested in the rare astronomical event scheduled to occur on the afternoon of June 8.



The interest is, for the most part, an intelligent one, and reflects credit upon the people of these states. They want to know what is to be seen, how best to observe it, and where to go to get into the best position.

First of all I want to warn the people of Portland again that their city is outside the path of totality and that the peculiar phenomena of totality cannot be seen from anywhere in the city.

What is to be seen at the time of an eclipse? One of the most interesting spectacles is to watch the coming of the shadow. The shadow travels from west to east, or for this particular eclipse, from northwest to southeast.

The shadow approaches with a great speed—about 2000 miles per hour, or 3000 feet per second—and presents rather an awe-inspiring spectacle. At the instant the shadow reaches you the last of the sun's surface is covered up.

Four Contacts Outlined. About an hour and 10 minutes before totality the moon begins to encroach upon the sun. When the disk of the moon just touches that of the sun, the bodies are said to be in first contact.

proach of the shadow cannot be observed as well as in some more barren sections. A small place called Toledo, some miles south of Chehalis, is very near the central line of totality.

Still higher stations may be obtained from the summit of the Klickitat Mountains, which lie between Goldendale and the Columbia River.

Columbia View Good. On the south side of the Columbia the eclipse may be viewed as total along the river anywhere from Cascade Locks to within 10 or 15 miles of Umatilla.

There are fine hills near Rock Creek and Hecetaur from which eclipses may be viewed. Still further to the east there are fine locations near Baker and Haines, and the chances for clear weather seem to be good.

It will be noticed that I have emphasized the desirability of locating on a hill. This is only true in case one wishes to view the approach and recession of the moon's shadow.

It is greatly to be regretted that the extension of the Columbia Highway has not been made desirable, for if it were thousands of people would be able to reach the bluffs of the Columbia east of The Dalles.

LIPSCHUTZ TO OPEN SHOP

Tailor Severs Connection With Big Department Store. Edward R. Lipschutz, who has been head of the custom tailoring department of Lipman, Wolfe & Co. for several years, has left that firm and will open an establishment of his own.

WESTPORT GIVES FREELY

Town's Contribution to Red Cross in Second Drive \$1402. Four hundred men, women and children of Westport, Or., have contributed \$1402 to the Red Cross during the second drive.

SEVENTY-SIX OREGON TARS, IN TRAINING AT SEATTLE SCHOOL, POSE FOR PHOTOGRAPHS

Many Young Men Already Have Received Ratings and Are "Somewhere in the Fighting Zone" Aboard Uncle Sam's Warcraft—Naval Reserve in Need of 10,000 Men to Man New Boats.



IT TOOK a photographer nearly half a day at the naval training camp at the University of Washington at Seattle to round up 76 Oregon tars to make a photograph of them.

THE BLUE SLIP

BY DR. PAINLESS PARKER

Why did you lose your last position? You were working conscientiously for your employer. You were doing your work as well as anyone could do it. You were earning your salary, yet you were given the "blue slip."

You were politely told that your services were no longer desired. This happens every day in the business world and the unfortunate one is left in ignorance as to the real reason, which is frequently a bad breath or unsightly teeth.

The public objects to all things that are disagreeable. They prefer to meet people who are not offensive.

Other employes who necessarily come in contact with you during the day complain to the "boss." He does not like to dismiss you when your work is satisfactory, still he must have regard for others who wish to work in a pleasant environment.

He does not want to hurt your feelings, so you leave without knowing the real reason why you were discharged.

Decaying and unsightly teeth are nauseating. Bad teeth cause a bad breath.

You may say it is caused by your stomach, but nine times out of ten this stomach disorder is the direct result of decaying teeth.

You can insure both your health and position by having your teeth placed in good order.

You can have this done painlessly, inexpensively and without unnecessary loss of time by the Painless Parker System.

Your teeth will be inspected by an expert, who does nothing but examine teeth.

He will tell you exactly what it will cost, so there will be no uncertainty as to the expense.

You will then be assigned to an operator skilled in the particular branch of dentistry your case requires.

You will receive the service of an organization that is the result of twenty-six years of progress and has now reached the highest state of efficiency.

Do not delay another day. Visit our nearest office at once.

There will be no charge for the examination and you will not be urged to have work done.

Nineteen Painless Parker offices in the United States repair the teeth of over 100,000 patrons annually.

Portland Office, 326 Washington Street, Corner Sixth.

Salem Office, State and Commercial Streets.

Eugene Office, Seventh Avenue and Willamette Street.

NOTE: This is the third of a series of articles by Dr. Painless Parker. The fourth will appear in next Sunday's Oregonian. Read each article carefully, as it may mean \$100 in cash to you.

DELIVERY IS ORDERED

WELLS FARGO EXPRESS COMPANY MUST CARRY OUT CONTRACT.

Complaint From Carroll Public Market Brings Prompt Reply From Public Commissioner Corey.

SALTEM, Or., June 1.—(Special)—The Wells Fargo Express Company at Portland is instructed to make deliveries to the Carroll Public Market there in a letter from Public Service Commissioner Corey.

When your company receives perishable goods for transmission to consignees residing within your delivery limits, it is your duty to deliver the same to the person to whom it is addressed with reasonable diligence and in good faith.

MARTHA THORNTON DEAD Resident of Cottage Grove for 35 Years Suddenly Stricken.

COTTAGE GROVE, Or., June 1.—(Special)—Mrs. Martha J. Thornton died suddenly last Monday morning of heart trouble. The funeral will be held Wednesday from the Methodist Church.

Surviving relatives are two daughters, Mrs. Archie Thompson and Mrs. James Plaster of this city, and two brothers, J. E. Spray, of this city, and Abraham L. Spray, of Orlinda, Cal. There are four surviving grandchildren.

YAKIMA, Wash., June 1.—(Special)—June 2 has been fixed as the date for an election by Tilton water users on a proposition for expenditure of \$150,000 by the United States reclamation service in enlarging the water supply of the project, the amount to be repaid by the water users and to constitute a lien against their lands.

"OVER THE TOP" THRILLS WAR PLAY AT PEOPLES BRINGS FRANTIC APPLAUSE.

Empey's Spectacular Production Timely, Well Directed and Carries Strong Appeal.

Excited audiences yesterday greeted "Over the Top" with wild outbursts of enthusiasm, tears and frantic applause, when this monster spectacle-story of war, with Sergeant Arthur Guy Empey, one of the heroes of the titanic conflict, as its star, opened an engagement at the Peoples Theater.

Aside from the spectacular phases of the magnificent presentation, Mrs. A. C. Marks, of this city, already are serving in the United States Navy, and a fourth, their youngest, has obtained the promotion that he shall be permitted to follow the example of his brothers as soon as he attains the age of 16, which will be within a few months.

"TIZ" FOR FEET

For Tired Feet, Sore Feet, Tender, Aching, Swollen, Calloused Feet and Painful Corns



Just take your shoes off and then put those weary, shoe-crinkled, aching, burning, corn-peaked, bunion-tortured feet of your in a "Tiz" bath. You'll look up at you and almost talk, and then they'll take another dive in that "Tiz" bath.

When your feet feel like lumps of lead—just try "Tiz." It's how glad your feet get; how command: it's glorious. Your feet will dance with joy; also you will find all pain gone from corns, callouses and bunions.

Tendency to Constipation?

USE THIS LAXATIVE! Dietitians advise a "careful diet," but that is troublesome to most people; physical culturists advise "certain exercises," which is good if one has both the time and the inclination.

Advertisement for Dr. Caldwell's Syrup Pepsin, The Perfect Laxative. Includes text about its benefits for constipation and a list of free samples.

lakes with cutter crews, others were found in the mess hall, on the baseball field, several had to be called from their classes in radio and navigation schools and some relieved from guard duty or patrol service at the water front guarding shipyards and docks.

hospital apprentices and are "somewhere in the fighting zone" aboard Uncle Sam's war craft. Many others have qualified as Ensigns and are in command of submarine chasers, sections of battleships, aboard destroyers, monitors and cruisers.