

ECLIPSE OF SUN BEGAN HERE AT 4 P. M. TODAY

Great Astral Pencil, Whose Point is 50 Miles in Circumference Draws Jet Black Line Diagonally Across the United States From Aberdeen to Orlando, Florida.

SAN FRANCISCO, June 8.—A great astral pencil, whose point is 50 miles in circumference, is to draw a jet black line across the United States from Aberdeen, Wash., to Orlando, Fla., this afternoon.

While the marking is being made, chickens are expected to go to roost and birds to nest. Street cars will run with their headlights aglare, and there will be a sudden strain on all lighting utilities. The great cosmic tital who will hold the pencil and mark the line will "set oven" with Washington for stealing an hour of sunlight on that day, for he will take 47 minutes of that sunlight back again.

Darkens Large Area
The point of that pencil, black as ebony, will represent an eclipse of the sun. The point will begin with the moon, and will drop in an exact cone to the earth where it will exert a considerable portion of the Pacific ocean and the states of Washington, Oregon, Utah, Colorado, Kansas, Arkansas, Mississippi, Alabama, Georgia and Florida, in about the same manner that a military censor delimits an objectionable line from a war correspondent's dispatch. The stock of the pencil will be represented by a nebulous space of infinity, millions of miles long, between the sun and the moon.

Many an astrological Christopher Columbus will be out "along the line" to discover a new world or two. The mythical planet Vulcan, said to hover near the sun, may possibly be given a positive identity. The great solar force that makes Mercury shake with an orbital ague as it spins around its orbit, may be uncovered. A thousand theories may be proven or repudiated, chief of them being the theory of relativity, first suggested by Einstein, a German physician.

Light on Spectrum
The nubbin of this theory is that the light from stars beyond the sun is bent by the sun's gravity before it reaches the earth in about the same manner that a street car rail is bent around a slight curve. The eclipse is expected to prove whether such a sun gravity can bend light or not.

The eclipse is expected also to throw some light on the composition of the sun's spectrum, which, during the period of totality, glows with a greenish hue. What makes it green is the question the scientists are going to try to answer. Points of similarity and dissimilarity between the atmospheres of the sun and the earth are to be given close attention also.

The polarized light of the sun will also attract interest. Scientists at the University of California, near here, and elsewhere say that the light around the sun moves in regular waves like wireless air waves, instead of being a steady, even substance, as around the earth. The eclipse may explain this difference.

Coronal Spectrum
The coronal spectrum of the sun, according to Professor E. P. Lewis, department of physics, University of California, is made up of unknown elements. Professor Lewis is to study this coronal spectrum through a large quartz spectrograph as a member of the Lick Observatory party at Goldendale, Wash. The spectrograph, in the event of clear weather, is expected to reveal many new and startling facts concerning this corona and accompanying spectrum.

The war has had some effect on the plans for observing the phenomena, many of the scientists who observe such things now being engaged on preliminary study of the great German eclipse, which is due "somewhere in France" at an unnamed date.

The eclipse will begin at 7:20 in the morning at a point south of Japan and will end at the Bahama Islands, east of Florida, at 7:29 in the evening. Greenwich mean time. The shadow will enter the United States at 2:50 in the afternoon, Pacific standard time, or 3:50 daylight saving time, and will leave at 5:11, central standard time, or 6:11, daylight saving time.

The line of totality will be 50 miles wide and that of semi-totality 150 miles wide. The eclipse will be visible, however, in varying phases all over North and Central America and Japan, and a great portion of China and Russia.

108 NAMES ON CASUALTY LIST FROM PERSHING

WASHINGTON, June 8.—The army casualty list today contained 108 names, divided as follows: Killed in action 20; died of wounds 10; died of disease 6; died of disease 6; wounded severely 35; wounded determined 17.

Officers named were: Killed in action: Captain Rufus F. Montgall, Kansas City, Mo., and Lieut. Hamlet P. Jones, Kaufman, Tex.; died of airplane accident, Lieut. Lester L. Meyer, Glendale, Cal.; wounded severely, Lieutenants Harry L. Dunn, Santa Barbara, Cal.; George D. Jackson, Kingwood, W. Va.; Chester F. Wright, Waterloo, Ia.; and Thomas H. Wylie, Newport, R. I. The list includes Private Eliert Lund, Kallspeil, Mont.

Killed in Action
Captain Rufus F. Montgall, Kansas City, Mo.; Lieut. Hamlet P. Jones, Kaufman, Tex.; Sergeant Carl G. Thoele, Cincinnati, O.; Corporal Clifford R. Manchester, Newark, N. J.; Corporal Carl Sahldman, Browns Valley, Minn.; Corporal David Schwartz, New York City; Wagoner Patrick J. Coyne, Charlemont, Mass.; Mechanic James J. Cogrove, Lynn, Mass.; Privates Thomas H. Abbott, Concord, N. H.; Fred H. Almos, South Hart, N. D.; Herman Dotz, New York City; Knute Ellingson, Rothsay, Minn.; Martin Erikson, Arcadia, Wis.; Lloyd W. Finerlin, Pittsburg, Alfred T. Francisco, Wilmette, Ills.; Ross Gawlet, Pittsburg, Okla.; Guy Emmett Haddock, Youngstown, O.; John J. Hart, Erie, Pa.; Jack Humphrey, Waterloo, Wis.; William Kershaw, Coffey, Ills.; Valerian Rumpalinen, Detroit; Albert V. MacDougall, Cleveland, O.; Russell E. Marshall, Indianola, Iowa; Daniel S. Miller, Norristown, Pa.; Vernie Newton, Boston, Ky.; Roger J. Nolfi, Derry Station, Pa.; Clarence Rockwell, Toledo, O.; Preston V. Wall, Beach, N. D.; Jos. F. Ward, New York City; Roland C. Winchenbach, Baltimore.

Died of Wounds
Sergeant Edward Nesterowicz, Yonkers, N. Y.; Corporal Henry Anglin, Fairmont, W. Va.; Corporal William Robbins, Bloomington, Ind.; Privates Earl C. Bates, Columbus, O.; Bernard H. Holt, South Bethlehem, Pa.; James Papineau, Saginaw, Mich.; James M. Shannon, Sewickley, Pa.; Charles A. Smith, Huntington, Ind.; Ivan D. Sweeney, Council Bluffs, Ia.; Herbert A. Tobey, Haverhill, Mass.

Died of Disease
Corporal Thomas Huggins, Ellmore, S. C.; Wagoner William A. McCullough, Easton, Pa.; Privates Frank J. Adams, Grappes Bluff, La.; David S. Jones, Homestead, Pa.; Richard W. J. Jr., Bridgeport, Pa.; Charlie Winston, Call, Tex.

Died Airplane Accident
Lieutenant Lester L. Meyer, Glendale, Cal.; Cadet Rexford Shilliday, Columbus, O.; Master Signal Electrician George M. Martin, Long View, Tex.; Private William L. Messinger, Watsontown, Pa.

Died of Accidents and Other Causes
Sergeants Raymond H. Leighton, Ensign, Mich.; Thomas Arnold, Prescott, Ariz.; Privates Fred Bauer, Chicago; Dean B. Ayre, Seitzate, Mass.; Lark Landis, Searle, Ark.; John W. Lafferty, Brooklyn.

EXCHANGE GOLF CUPS FOR THIRT STAMPS

NEW YORK, June 8.—Winners of golf cups are willing to turn in their trophies to the metal market here to be melted and made into coin, in exchange for thirt stamps, if they can be assured that such a transaction will not automatically transfer them from the amateur class to the professional, according to Mrs. Joseph Griswold Deane, manager of the market.

Broken Wind-Heaves



Dr. Daniels' Renovator Powders

A True Conditioner. A Spring Medicine for that Tired Feeling. Make the old horse look and act like a new one. Ask your dealer for them and one of Dr. Daniels' Books on the horse—this book tells you how to locate lameness, how to treat spavin, curb and all lameness, how to cure colic and treat distemper or other colics.

Heath's Drug Store
Can serve you With Dr. Daniels Horse and Cattle Medicine. Come in and see us and get a book.

PROMINENT MEN SELECTED FOR ARMY SERVICE

The county draft board announced this afternoon a list of the men selected to fill army drafts for June. A number of very well known young men of the city and county are included.

The twelve chosen under the special call issued June 1 for 209 men from Oregon to report to the board on June 13 and be in Portland on June 15 to take special training along mechanical lines are as follows:

1389, Cecil C. Ciemens, Medford; 648, Chester Smith, Ashland; 561, Curtis Darby, Medford; 1065, Bert H. Smith, Ashland; 634, Robert C. Baker, Medford; 789, William C. Edmunds, Gold Hill; 818, Chilton H. Dickerson, Medford; 545, John H. Trusty, Jr., Eagle Point; 508, Capriel A. Jones, Medford; 491, Clifford H. Dunnington, Jacksonville; 416, James P. Vestal, San Francisco; 394, Glenn D. Simmons, Medford.

Of the following all but 13 have been selected to fill out Jackson county's quota of 67 for the draft of 2090 men from Oregon who will be sent to Camp Lewis between June 24 and 28:

286, H. M. McDaniel; 350, W. E. Neal; 352, J. E. Brady; 361, Robert McCabe; 372, Charles M. O'Connor; 379, T. D. Riley; 379, V. M. Steers; 366, H. T. Morgan; 359, John Calhoun; 419, Fred R. Hank; 395, D. O. Brewster; 378, James I. Adams; 401, R. M. Ward; 407, Ray N. Murphy; 411, Grover Cherry; 412, Chester O. Mulhollen; 417, Frank C. Strahan; 422, John Singleton; 433, R. F. Casebolt; 432, Smith Cox; 437, C. L. Garrison; 439, Carl F. Niedermeyer; 413, O. M. Goddard; 448, L. S. Bateman; 64, O. F. Collins; 460, R. I. Char-lynn; 473, John Colbough; 474, G. E. Lyman; 485, Earl M. Van Houten; 486, T. E. Kelly; 489, Wiot Clarke; 357, C. J. Jessiman; 456, L. G. Agee; 594, E. B. Clary; 599, A. Gus E. Frances; 592, L. W. Riley; 510, W. B. Bertelson; 512, J. L. Drake; 515, F. R. Berger; 519, E. J. Reinking; 521, E. G. Robertson; 528, R. R. Drake; 531, Clarence Conner; 534, Earl S. Tom; 544, W. W. Bryan; 547, H. O. Wvatt; 548, H. J. Demmer; 563, J. C. Rodgers; 568, Owen

AMERICAN AGE SLIGHTLY WOUNDED FIGHTING HUNS

GLENDALE, Wn., June 8.—Professor W. W. Campbell of Lick Observatory, at Mount Hamilton, California, who is here to study the phenomena of today's eclipse, received a cablegram from France today stating that his son, Lieutenant Douglas Campbell, an American aviator in France, was slightly wounded.

The cablegram was signed by an officer with the American expeditionary forces, it was said, and brought little information beyond the fact that young Campbell was wounded in action and that his injury was not serious.

Professor Campbell, in the rush of final preparations for the scientific observations he hopes to make when the moon obscures the sun and darkness descends on this region later today, was unperturbed by the news, and apparently paid it slight heed beyond expressing relief that the boy's life was not endangered by his wounds.

When informed several days ago of his son's latest exploit, in bringing down his sixth enemy airplane, Professor Campbell made the comment that his son is a good athlete and chauffeur, quick to decide and quick to act and without fear. When a friend spoke of the dangerous character of the aviation service, the scientist said: "A man's life should not be measured in years, but by what he accomplishes. My son's letters say he is happy over there."

Conover; 569, Carl J. Klein; 570, H. G. Query; 552, E. R. Vroman; 534 A. V. D. Danelson; 639, E. K. Ashcraft; 501, C. A. Garrett; 617, H. A. Benson; 160, J. G. Lewis; 487, R. R. Dusenberry; 574, L. E. Smith; 575, J. F. Miller; 577, Raymond Lanini; 582, G. B. Holloway; 586, G. W. Horn; 589, J. P. Morgan; 606, Frank Huffman; 614, J. W. Tentney; 615, H. B. Dunlap; 621, H. R. Hume; 625, R. C. Van Buskirk; 633, C. R. Sutton; 637, Oliver D. Moulton; 638, D. M. Wallace; 640, O. E. Barr; 644, G. E. Dunn; 652, Fred Beck; 654, L. W. Caster; 656, E. Lanier; 662, Elmer R. Lewis.

With Medford trace is Medford made.

CRISIS REACHED IN SIBERIA WITH SEMINOFF'S FLIGHT

WASHINGTON, June 8.—Long talked of military action by Japan and China in Siberia may be precipitated by the movement of Russian bolshevik troops into the Siberian province of Trans-Baikalla in pursuit of the Cossack leader, General Seminooff. If Seminooff retreats into Mongolia, as observers here think he must, the crisis will be at hand, particularly as the pursuing Russians are said to be accompanied by a large force of Austrians and Germans, former prisoners of war.

The crossing of the Onon river by the bolsheviks is construed by the officials here as part of a campaign to exclude Seminooff from any use of the northern, or Amur river branch of the Siberian railway.

General Seminooff's movements have been closely followed and it has been realized that his campaign might suddenly assume great importance, were the entente allies brought into harmony in a plan to lend him material support.

The Cossack leader has been working along the southern border of Trans-Baikalla from his base at Mongolia station on the southern branch of the Siberian railway. His objective was the important junction named Karmataia, where the Siberian railroad, coming eastward, divides into two branches.

U. S. AIRPLANES TO BE FIRE PROOF TO REDUCE LOSSES

WASHINGTON, June 8.—A fire-proof airplane is the latest addition to Uncle Sam's aerial program. These planes will be constructed of non-inflammable materials, the wings, struts, fuselage, etc., being made of an aluminum alloy steel, both light and strong. The gasoline tanks will be specially protected from puncture by inflammable bullets.

Flights have already been made with the first models.

A non-inflammable plane, it is believed, will greatly reduce the losses of planes in action. It was the burning of his plane, rather than his injuries that caused the death of Lufbery, America's premier flier. Lufbery, who if he had been flying in a non-inflammable plane would, there is little doubt, have landed safely, despite the bullet wound in his hand.

NATION WATCHES ECLIPSE

(Continued From Page One.)

Bats fly aimlessly, fish rise to the top of the pond, sensitive flowers close their petals, and dew sometimes falls.

The landscape darkens swiftly with an unceasing violet light. A storm seems to pause before breaking.

"Nature stands aghast." Total solar eclipses have never been totally described. Now as-

tronomers use a camera to catch what the human eye cannot see. The photographs taken of today's eclipse will actually be the most marvelous moving picture ever staged in the solar system. Congress has appropriated \$2,500 to assist naval observers in taking motion pictures of this tremendous spectacle. The naval observatory party is working in Oregon.

E. M. Wilson returned home from Portland today where he attended the state board of accountants meeting and looked after some business matters.

RIALTO

"The Shrine of the Silent Art"

Tomorrow Only
FRANKLIN FARNUM
In
\$5,000.00
Reward.
DON'T MISS THIS

PAGE

LAST TIME TONIGHT
Dorothy Dalton
IN
"Flare-Up-Sai"
ADDED ATTRACTION
Carr Trio
Musical Singing and Dancing Act.
SUNDAY—MONDAY
BESSIE BARRISCALE In
BLINDFOLDED
SPECIAL ORCHESTRA SUNDAY
No Advance in Prices.

PAIGE

The Most Beautiful Car in America

A Sound Investment

The conservation of Time and Energy is the underlying motive of our modern efficiency doctrine. To perform each daily task with a minimum of waste effort and all possible dispatch—that is the objective of every aggressive American business man. And in attaining that objective the motor car is playing a very important part.

The Paige has always been a favored car with those men who demand un-failing service and economy of operation. It has been tried and proven on a strict utilitarian basis. It is most emphatically a sound investment and, for that reason, it enjoys the confidence and respect which is only accorded to products of real intrinsic worth.

PAIGE-DETROIT MOTOR CAR COMPANY, DETROIT, MICHIGAN

VALLEY GARAGE

OSSMAN & McDONALD, Medford, Oregon

First National Bank

Medford, Ore.

Dedicated to National Welfare

THUS are the services of the First National Bank fitting in with the needs of country and duties of the people during these times of stress.

Encouragement in things patriotic—is now as much a part of our present day functions as is the affording of safe and convenient depository.

Oris Crawford—Cashier
Wm. G. Tait—President

FIRST NATIONAL BANK

MEDFORD, ORE.

CAPITAL 100,000

The White Hatchery

BABY CHIX
"We have the reputation in Petaluma of handling the best laying stock. Let us prove this to you. Buy our chickens, lay the best. Write for information. Petaluma, California"