# TRIUMPH ACHIEVED IN ECLIPSE VIEWS

Members of U. S. Naval Observatory Party at Baker Elated Over Results.

### **BIG CAMERA PROVES WORTH**

Sun Prominences 75,000 to 100,-000 Miles in Height Revealed. Interior Coronal Details Are

Distinctly Shown.

BAKER, Or., June 9 .- (Special.) -The first prediction of Naval Observatory astronomers that their observation of the eclipse was successful was borne out by results noted with development and preliminary study of photographic a huge 65-foot camera, the largest instrument used by any of the numerous REMARKABLE SERIES OF PHOTOGRAPHS OF SUN IN ECLIPSE MADE AT EUGENE SATURDAY, WITH astronomical parties stationed in the path of totality yesterday. Four excellent photographs have been developed by Dr. George Peters and W. M. Conrad, of the Naval Observatory, the latter operating the big camera during

While not examined in detail, the plates show sun prominences estimated between 75,000 and 100,000 miles in height from the solar surface, and the interior corona details are distinctly shown, but the middle and outer coronal extensions were photographed by other instruments, and the plates are not yet developed. Already sufficient data have been acquired by preliminary study from which deductions can be made as to relations between sun prominences and corona and prominences and sun spots-facts of great astronomi-

Problems May Be Solved P. W. Merrill today is developing

the plates from his spectroscopic work and he also is assured of good results, which will aid much in determining several details of solar atmospheric composition and distance from surface, if they do not wholly clear up several insolved problems along this line of astronomical research.

50 photographs taken will not be de-veloped or studied until the party re-turns to Washington, where all neces-mary facilities will be available. It was first announced that there was a variation of five seconds in the

actual and computed time of the first contact, but the photographic plates show the actual variation was but four show the actual variation was but four seconds, which is as close an estimate of time of contact as was ever recorded in the study of solar eclipses. A slight error in the calculation of the moon's position caused the variation, but it is so slight as to be almost negligible, as shown by the fact that the first contact was but four seconds earlier than estimated. earlier than estimated.

Eclipse Is Most Spectacular.

Records of the second and fourth contact, observed by J. C. Hammond, head of the Government party, through a five-inch equatorial telescope, were clearly defined, but a slight haze spoiled the record of the fourth and last contact, he said today. Somewhat the reverse of this order was shown by the photographic plates, those made during the latter parlod of totality pring the latter pariod of totality ment of the school room.

The industrial call for men has cut into the ranks of the letter carriers.

As visually observed, the eclipse yes.

Calls to the colors have taken many paired for Soldiers.

MeGree City.

Ohio: Wis.

Visually observed, the eclipse yes.

terday was the most spectacular ever within the draft age, and every branch seen by members of the party, some of of the postal service has suffered from whom have studied every total eclipse of recent years. The coronal effects to the expeditionary forces in Europe.

were more pronounced, this being a in June several women probably will in June several women probably will corona of maximum sun-spot type. The greatest prominence from an astronomical standpoint were not the orightest, but the one most plainly visible through the telescope had almost the exact appearance of a large of them have entered it within the past year. Postmaster Myers and other officials are convinced that the solufire. Study of the colors, hampered in slight degree by a thin haze, was, nevertheless, very reseful and, altogether, the tists were elated at the results of their

Today they began dismantling their to the work. instruments and preparing for shipment. Some few left the city last night and today, and the Naval Observatory washington Tuesday afternoon or even-

DISASTROUS FIRE AT NORTH BEND SENDAY AFTERNOON.

Westerly Wind Saves Big Plant and Buchner Company's Yard With 12,000,000 Feet of Lumber.

12,000,000 Feet of Lumber.

Annex of the Department of Arts and Sciences. The sorority also has asked permission to beautify the campus at the rear of the Arts and Sciences Department Building, 2035 G street, by the planting of flowers.

North Bend Shingle Mill located North Bend Shing of the North Bend Shingle Mill, located

The fire, which enveloped the build- istration building, 2101 G street. When ings in a mass of flames soon after beautified these grounds probably will it was discovered, is thought to have originated from a spark from the fire. The girls do not intend to don over-

insulation from the electric wires, volunteers from the male student body causing the building to take fire in to undertake the real hard work. The plant was owned by J. A. Allen and L. J. Simpson, of this city, and was one of the largest and most successful shingle mills operating in this section. The loss is estimated between \$12,000 and \$15,000, with no insurance. The plant was destroyed by fire five years ago in a manner similar to the fire

westerly wind carrying the sparks pany yard, containing some 12,000,000 feet of lumber, from serious damage.

### MYSTERIOUS STAR IS BORN

Continued From First Page.) said Dr. Merrill, of the Bureau of Standards, and this belief was seconded by all other scientists, including J. C. Hammond, head of the Naval Observatory party, Dr. Mitchell, of the Leander McCormick Observatory, and other astronomers of international

Star-Birth Theories Given. are created by intense heat among solar nebulae of unexplained origin or by the collision of two heavenly bodies.

The latter theory is the more generally accepted, as the decreasing bril-

JAPANESE VESSEL IN THE SECOND STREET OF THE SECOND

of Madison, Wis., and Henry Vogt, of Fon Du Lac, Wis., were wounded severely, and Lieutenants William E. Severe and Louis D. Sola, both of Brooklyn, N. Y., were wounded, degree undetermined.

The list follows:

Of Madison, Wis., and Henry Vogt, of YOUTH LECTURED ON LIFE Severe and Louis D. Sola, both of Brooklyn, N. Y., were wounded, degree undetermined.

CALAURE ATE AT HIGH SCHOOL.

WRECKED IN FOG

WRECKED IN FOST poolings. It is a despisation to the place of the sun.

Discovery of the new star closely following the eclipse is merely coincident, the eclipse having no connection with it, according to Mr. Hammond, who, like others, is deeply interested thought being to get word to instance mere at observatories equipped for detailed study. They are anxiously awaiting word of observations through-out the country tonight. The new star was also discovered by Professor C. T. Olivier, astronomer at heavens, and will be "the brightest thing in the heavens," said Mr. Cornick Observatory, University of Virginia, late Saturgday night. He telegraphed his discovery to the Associated Press at Washington, D. C., and The Oreganian received and published the new's in tal last esturated in the published the new's in tal last esturated.

PROFESSOR BARNARD SEES STAR

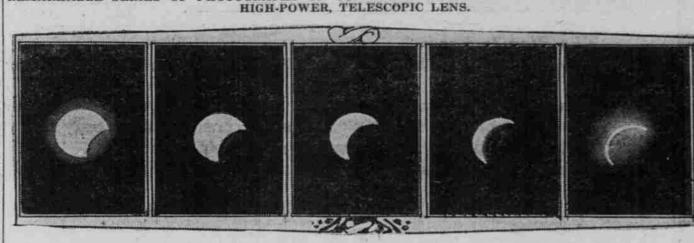
Astronomer of Yerkes Observatory, Makes Discovery.

Makes Discovery.

Makes Discovery.

Makes Discovery.

GREEN RIVER, Wyo., June 9.—Professor Edward Emerson Barnard, astronomer of Yerkes Observatory here to observe yesterday's eclipse of the said that the Japanesa freighter to observe yesterday's eclipse of the said that the Japanesa freighter to observe yesterday's eclipse of the said that the Japanesa freighter of the sam, discovered as and, discovered the first to observe yesterday's eclipse of the said that the Japanesa freighter of the sam, discovered and sum, discovered a new star of the first tonight by the Merchants' Exchange of Observatory, Nr. Y.; James L. Cannon, Dany, Will. Disc Persuson, Victoria, San, Makes Discovery, Persusor Exchange of Yerkes Observatory, Nr. Y.; James C. Paries Control observed a new star of the first tonight by the Merchants' Exchange of Observed a new star of the first tonight by the Merchants' Exchange of Observed Allows Discovery, Nr. Y.; James C. Cannon, Dany, Will. Discovery, Willer, Marchand, Allows Marcus, Persuson, Willer, Mortpolity, Nr. Y.; James L. Cannon, Dany, Will. Discovery, Nr. Y.; James C. Cannon, Dany, Will.



1—TAKEN AT 3:05 P. M., 2—TAKEN AT 3:15 P. M. 3—TAKEN AT 3:25 P. M. 4—TAKEN AT 3:38 P. M. 5—TAKEN AT 4 P. M.

A few more plates may be developed The star is said to be about 15 de-here, but the majority of approximately grees west of the star Altair.

Postmaster Convinced It Will Be Necessary to Fill Vacancies With Feminine Carriers.

as men, once they become accustomed

for Garden Work.

WASHINGTON, May 20.—Pretty girl students at George Washington University are to put aside their dainty dresses, their powder puffs and their manicure cream, and instead will don their oldest clothes and start to work in a war garden.

The war garden movement at the university has been initiated by the

Sigma Kappa sorority girls.

The girls intend to plant lettuce, radishes, potatoes, cabbages and other vegetables in the backyard of 2024 G street, northwest, which is used as an

of the North Bend Shingle Mill, located Not to be outdone by Sigma Kappa, on the waterfront in this city, were totally destroyed by fire late this afternoon.

The fire which enveloped the built in the grounds surrounding the adminoriginated from a spark from the fire pit near the mill, which ignited sawdust and shavings under the conveyor and floor of the mill and burned the pick. They have issued an appeal for to the building to the causing the causin

Read The Oregonian classified ads.

magnitude last night, it was announced today.

The star is said to be about 15 degrees west of the star Altair.

WOMEN TO CARRY MALL

Was being towed to a drydock.

Tugs of a salvage company, which were standing by, stood by her when she floated off the reef. She was reported to be taking water badly in the first and second holds, but was thought to be capable of remaining affoat until she reached the drydock. The vessel, which recently arrived here with cargo for the Orient, was turned over to the Shipping Board and left here yesterday for a Canadian Padific port to load coal for the United States.

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The place where the Aikoku Maru struck is a particularly hazardous struck of water, and mariners here

think she may have been forced on the ledge by the heavy tide. The Alkoku Maru is well known in The schoolma'am soon will be the was launched at Newcastle in 1889 under the name of Colonies. Since then she has borne the names of Ama-

WASHINGTON, June 9 .- Damaged garments and worn shoes are being repaired and re-used in large numbers officials are convinced that the solu-tion of the carrier problem will be found in filling vacancies with women, and it is believed that there are many routes that women can handle as well shoes were repaired in April.

Stage Driver Injured. ILWACO, Wash., June 9.—(Special.)

—R. R. D'Conrut, who runs a stage line between here and Long Beach, was the victim of an accident Friday wherethe victim of an accident Friday where-by he lost the sight of his right eye. The injured man was assisting Walter Jennings, a blacksmith, in making some springs for the former's auto-mobile, and was striking when a piece of steel flew up and struck him in the right eye.

### Official Casualty List.

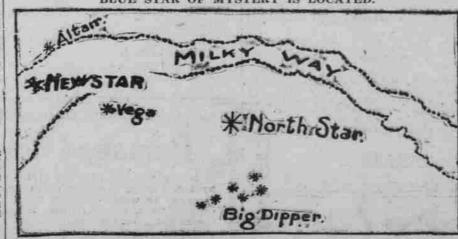
W ASHINGTON, June 9.—The Army names, the largest number thus far reported by General Pershing in a sin-

accident, 1; died of accident and other causes, 4; wounded severely, 46; wounded, degree undetermined, 74; missing

in action, 20.

Eleven officers were named—Captains James A. Anderson, of Summit, Ga., and Henry Ephraim Mosner, of Ga., and Henry Ephraim Mosner, of Falconer, N. Y., and Lieutenants John Douglas Crawford, of Brookline. Mass.; Thomas Warner Goddard, of Maryville, Tenn., and Eugene P. Hubbard, of Chatham, N. J., were killed in action; Lieutenant Joseph E. Beauton, of New Haven, Conn., died in an airplane accident; Lieutenants Lester Freeman Albert, of Moscow, Idaho; Fred T. Finn,

CHART OF THAT PORTION OF HEAVENS WHERE THE NEW BRIGHT BLUE STAR OF MYSTERY IS LOCATED.



There are two theories as to the birth" of these stars—one that they are created by intense heat among clar nebulae of unexplained origin or by the collision of two heavenly bodies.

The New Star, the "Most Brilliant Thing in the Heavens," is Located in the Constellation of Aquila, Forming a Triangle With Altair and Vega. It May Be clar nebulae of unexplained origin or Found Between 8:30 P M. and Morning, Always in the Relative Position Shown, Almost on a Line With Two of the Stars in the "Big Dipper." The Other Two Stars Forming the Bowl of the "Dipper" Point Directly Toward the

Hannon, Hay D. Tode, Kessuth, Miss.; John J. Wallace, Breeklyn, N.
Wounded svereiny-fluetenents: Letter
Freeman Albert, Mescow, Island: Fred T.
Fran, Malor, Record S.
Fran, Malor, R

Interior, Mont.; Lawrence L. statictus, Prod. Op Law, Wigh, Lower, Say Park, Mer. (Prod. Op Lawrence). April. 171., and 80 per cent from April. 171. and 171. a

CALAUREATE AT HIGH SCHOOL.

Youth, Benuty and Reverence Declared to Be the Three Great Ends of Human Existence.

"The culture of any age or people may be measured by the willingness or refusal to sacrifice human life to mere political commercial ends," declared Dr. E. H. Pence in delivering the baccalaureate sermon last night before the members of the graduating class of the Washington High School.

"The human life," continued Dr. Pence, "is the supreme standard of all other values. You graduates stand at the supreme hour of time. All the cultures and tides of heredity beat in you. Your great duty is to do things with the life which you have.

"Youth, beauty and reverence are the three great ends of the human existence. To be useful to your utmost, to deem a useless life to be the darkest crime in such times as lie before youlet these considerations put the spur to you and bring every faculty to

to you and bring every faculty alert and instant employment. To and enjoy the beautiful, and to conceive the beautiful, in the degree in which God has worked it to its climax, to see in moral beauty the finished end of evolution and divine decree—make this the end of your cul-

"But, supremely, consider the nurture "But, supremely, consider the nurture of your religious character to be the final end of your being and existence," concluded the speaker. "Accept Carlisie's great edict, namely, that the greatest fact about man is that he is religious and in the grip of that logic let the great master of religious truth and destiny dominate you. Remember that to date Jesus Christ is the last word that the ages have had as yet to word that the ages have had as yet to say about life's greatest usefulness, its most glorious beauty and the truth about human destiny."

### FAILURES ARE DECLINING

Bradstreet's Reports Good Showing for Year to Date.

NEW YORK, May 10 .- Business mortalities are declining, according to the reports of trade authorities, Brad-street's analysis of April and the first four months of this year showing that business failures were the lowest of the last ten years.

"Liabilities for April fail to show an equal shrinkage," observes thewriter, "but are far from large, while for the year to date they are smaller than in any years since 1907. In fact, it is necessary to go back to the early part of the year of the so-called Roosevelt panie to find as all around favorable imparisons as are had in the returns

omparisons as are had in the returns for the month just ended.

"Comparisons of failures by groups of states naturally show shrinkage from like returns of one, two and three years ago, but in liabilities the influ-cate of a few relatively large failures is to show more translatively in value

April, a decrease of 24 per cent from April, 1917, and 50 per cent from April, 1915. This is the smallest April total recorded since 1907 and the smallest monthly total in any year since Sep-tember, 1909.

Woods, Vinton, Iac. Wiles In.; Charles E. Woods, Vinton, Iac. Wiles In.; Charles E. Woods, Vinton, Iac. Wiles In.; Charles E. Woods, Vinton, Iac. Wiles In.; Charles In.; John A. Zugg, Centerville, Ia. Missing in action—Corporal Leb H. Buyanoski, Terryville, Conn.; Privates Vincent Alen, Norwalk, Conn.; Privates Vincent In.; Conn.; Leon S. Bernard, Hopkington, Mass.; Tony Carlone, Norwalk, Conn.; Herbert Collings, New Haven, Conn.; Charles B. Kenny, Norwalk, Conn.; Irving E. Lines, New Haven, Conn.; Joseph M. Monsmara, New Haven, Conn.; Joseph M. Monson, New Haven, Conn.; Garles M. Monson, New Haven, Conn.; Charles M. Monson, New Haven, Conn.; Charles M. Monson, New Haven, Conn.; Carles M. Monson, New Haven, Conn.; Carles Ward A. Olson, Bristol, Conn.; Harold Owen, New Haven, Conn.; Carl Suderek, New Hard, Conn.; Stephen Torok, Darlen, Conn. Ward, Plainville, Conn.; Carl Suderek, New Hard, Conn.; Stephen Torok, Darlen, Conn. Ward, Plainville, Conn.; Carl Suderek, New Hard, Conn.; Stephen Torok, Darlen, Conn. Ward, Plainville, Conn.; Carl Suderek, New Hard, Conn.; Stephen Torok, Darlen, Conn. Ward, Plainville, Conn.; Carl Suderek, New Hard, Conn.; Stephen Torok, Darlen, Conn. Ward, Plainville, Conn.; Carles, Conn. Carl Suderek, New Hardon, Private Walter, Stephen Torok, Darlen, Conn. Stephen Torok, Darlen, Conn. Stephen Torok, Darlen, Conn. Carl Suderek, New Hardon, Private Walter, S. Wolf, New Bedford, Mass.

WASHINGTON, June 9.—A marine corps casualty list today contains the names of two enlisted men who died from wounds received in action and of 19 others who were wounded in action, Died of wounds—Private Gabe Mansfield, Popiar Bluff, Mo.; James Rutley Patient, Rock Island, Ill.

Wounded severely—Gunnery Sergeent Leon Louis Liptae, Streater, Ill.; Corporal Edward Benjamin Bowman, Bethailto, Ill.; Privates Christen Berteisen Tensen, Copenhagen, Denmack, Irving Happy Conge, Waterville, N. Y.; Rajno Geb. School, Sale, Wie

# AUDITORIUM

TONIGHT

Public Reception to Captain W. H. Hardy

Admission Free to Men, Women and Children. Everyone Welcome!

Hear the story of the Man Who Went in '52!

# Maxwell Automobiles for Sale

Bids are invited on any or all of four Maxwell automobiles, all more or less damaged by water ex. SS. "Burma Maru." These automobiles now at Balfour Guthrie Dock, Tacoma, where they may be inspected upon application to the undersigned.

Sealed bids marked "Bids for Maxwell Automobiles" must be in the hands of Johnson & Higgins of Washington, 602 Colman Building, Seattle, by 3 P. M. Friday, June 14th, 1918. Certified check for 25 per cent of amount must accompany bids.

Right is reserved to reject any and all bids. Further particulars may be obtained from Johnson & Higgins of Washington.

### Vice-President James O'Connell of THOUSANDS GO TO BEACH

COLUMBIA'S SHORE THRONGED ON IDEAL SUNDAY.

Hundreds of Families Pienie on Beach or In Groves Just Off River-Many More Erect Tents.

Thousands played along the shores of olumbia Beach yesterday, while other housands crowded the Promenade from he big ferris wheel to the Shetland

pony park.

It was an ideal day and hundreds of families took advantage of the opportunity to pienie on the beach or in the groves just off the river. Many more erected their tents, planning on a Summer's outing at the beach, yet still in the with their beach, yet still in the with their beach.

the federation and James Wilson, mem-ber of the American Labor Mission. Next Wednesday the sessions will be under the auspices of the American Alliance for Labor and Democracy. A report compiled by members of the American Labor Mission, which re-cently returned from a trip of investigation of conditions in France and England, will be presented at this

## LAWYERS ARE ALARMED

CURTAILMENT OF RAILWAY LEGAL

