

Jupiter Again Rules The Evening Sky Till Spring

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Always an inspiring sight on a frosty, starry evening is the glow of a brilliant planet silently rising over the eastern sky line. During the remainder of the winter this planetary cheer will be furnished by the mighty Jupiter, the giant of the solar system and king of the gods of ancient mythology. Jupiter's steady yellow light now outshines any star-like object in the evening sky, even that of color-flashing Sirius, the brilliant star in the southeast.

At present, Jupiter rises somewhat north of east at about 8 p.m. for observers on a standard time meridian. This may vary by one-half hour either way, depending upon the longitude. Horizon obstructions will also delay the rising. After determining the time of rising on any night, one has only to remember that it will come up four minutes earlier each succeeding evening.

Jupiter is indeed a planetary giant, being almost three times as massive as all the other eight planets combined. Its diameter is approximately 11 times that of the earth. And it is far better supplied with moons than we are, for Jupiter boasts of 11 to our one.

Good field glasses will usually show one or two of Jupiter's four larger moons as tiny spots of light

close to the planet. Sometimes they are apparently too close to Jupiter to be detected.

Through even small telescopes, Jupiter is a highly interesting object. It becomes a yellow globe, somewhat flattened at the poles because of the bulging of the equatorial regions due to centrifugal force. Streaked across its surface, in general parallel to its equator, many light gray bands may be seen. Then the four larger moons, appearing as fairly bright stars, are a splendid sight as they string out in almost a straight line in the plane of Jupiter's equator. Occasionally all four are on one side of the planet; sometimes, two on each side; at other times, three and one.

Wildt of Princeton university has calculated what seems to be a possible distribution of the different materials making up Jupiter's diameter. Since it is very cold at the planet's distance from the sun, any water existing there is probably in the form of ice. Wildt figures that the outermost 18 per cent of Jupiter's diameter is a gaseous atmosphere in which the clouds are floating. Then there is an immense layer of ice making up the next 39 per cent. Finally the central 43 per cent—almost all—consists of a very hard and heavy metallic rocky core.

Veterans Advised To Keep Insurance

SALEM (AP) — Governor Snell has urged members of the armed forces to retain their government insurance policies after they are discharged. He said 50 per cent of the men now being discharged are letting their policies lapse. "The situation is worthy of particular concern to those veterans with disability implications because of likely difficulty in obtaining such insurance of any kind should they later desire coverage," the governor said.

Three New EVS Classes Announced

Three new series of classes covering the following topics were announced Saturday by Eugene vocational school: bookkeeping and brush-up work on office machines, dressmaking, and wartime food preparation.

"Foods Course for War Brides," new class in foods and their preparation, will meet Monday and Wednesday from 7:30 to 9:30 p.m., starting January 17. It is intended primarily for recent brides and business girls who wish to brush up on cooking technique. Equally welcome are people who have never had any foods work in school.

The bookkeeping course opens Tuesday evening, January 18, and will be held each Tuesday and Thursday from 7 to 9 for a six-week period. The instruction will include work with various office machines, including bookkeeping machine, mimeograph, comptometer, calculator, dictaphone and typewriter.

Night classes in dressmaking will start at 7 o'clock Tuesday and continue each Tuesday and Thursday thereafter for six weeks. Help will be given in cutting and fitting garments for both women and children, as well as in restyling and making over last season's wardrobe for spring. The class will be in the dressmaking room under direction of Mabel Phelps.

Those planning to enroll are asked to register at the first meeting. Further information may be had by calling the Eugene vocational school, telephone 1928.

Membership of Legion Now 434

With initiation of 19 members, Friday evening, including the first World War II veterans to be taken in by the group, the Eugene post, No. 3, American Legion, announces its total membership now is 434.

At the Friday meeting, Charles McCormack was announced winner of the \$25 prize for the greatest number of members.

The initiation team included: Frank Jones, acting as commander; Frank Strong, Paul D. Green, and Ben F. Dorris. Four members from Cottage Grove and four from Springfield were visitors.

John Snellstrom, one of the county's legislators, talked on Oregon's men in the armed forces voting, saying the set-up has been allowed already by legislation to permit service men of this state to vote.

Pomona Executives Against Subsidies

The Lane Pomona grange executive committee has gone on record as opposing the policy of price control through subsidy payments, placing the group in line with the state and national granges. The resolution passed by the executive committee follows: "It is hereby resolved that the executive committee of the Lane Pomona grange go on record as opposing the policy of price control through subsidy payments and that we commend and support the program of the national grange and the Oregon state ti-subsidy legislation.

grange in supporting pending anti-subsidy legislation. "Be it further resolved that copies of this resolution be sent to our representatives and senators in the national congress."

Army Promotion Won By Richard McBee

Second Lt. Richard Harding McBee, son of Mr. and Mrs. E. F. McBee, 1228 Charnelton, has been promoted to first lieutenant in the army sanitary corps, according to announcement of the war department Saturday.

In a letter to his parents, Lt. McBee says he has been returned to the station hospital at Camp Croft, S. C., where he will be the camp medical dispenser. He formerly worked as bacteriologist there. He had just completed a six-week course of special training at Carlisle Barracks in Pennsylvania, when promoted.

Lt. McBee entered the service as a second lieutenant in May, 1943, at Ft. Dix, N. J. He had taken ROTC training, and was a bacteriologist and chemist, formerly in charge of the state department of health in Maryland. He attended University of Oregon, and was graduated from Oregon State college. He had been working toward his master's degree in the east, prior to enlistment. His wife and baby live at Hood River.

Program Listed for USO "Showtime"

Featuring the weekly Sunday showtime at the Eugene USO Sunday, 4:30 p.m., will be vocal solos and duets by Corp. and Mrs. Edwin Kappel; also violin numbers by Miss Helen Horner, and piano solos by Miss Phyllis Taylor, who also will play the accompaniments for the Kappels and Miss Horner. This weekly program is sponsored by Phi Beta, music and drama honorary society. All service men and women in the city are invited to attend each Sunday.

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FIRESIDE RUN—Fred L. McGrew, veteran engineer on the Southern Pacific, now has retired and is shown above, taking life easy in his Eugene home. (Register-Guard photo, Willshire engraving)

Retired Engineer, Fred McGrew, Recalls Bad Wreck of Year Ago

By MARGARET THOMPSON

First warning to the people on the train was a log that stabbed through the side of the dining car like a bayonet. Then came tons of mud and rocks, forcing six cars off the track and rolling them down into the canyon. The broken air hose connections caused all brakes to set themselves in emergency, automatically stopping the train, and this was the first intimation of anything wrong that had come to Southern Pacific Engineer Fred L. McGrew in the locomotive. So he said to the fireman—

"Guess we've got a little mechanical trouble. I'll go back and see about it." And he went stumbling back along the right of way through the pitch dark and roaring storm. But it was something far bigger than mechanical trouble; it was a very bad wreck, the big smash of just more than a year ago, Dec. 28, 1942, when a log and rock slide near Wicopee on the Natron cutoff tore through the middle of a passenger train carrying navy personnel.

"I've been in wrecks before but never one like that one," said McGrew. "It was the most terrible, and if you want to know, the most exciting night of my life. We rigged up curtains on the cab and kept up the fire in the locomotive so the sailors would have one warm place to rest and dry out. I made a lot of friends among those boys, still communicate with them in fact."

Takes Retirement

Engineer McGrew, recently retired, can look back on more excitement and adventure than would normally fall to any ten ordinary men.

He was a Kentucky boy, and at the age of nine he began riding and training race horses. He rode for some of the famous stables of that time, and was mounted in the Chicago Derby of 1893. He went to school in Fullerton, Nebraska, as the horses were wintered nearby, and had the opportunity of becoming familiar with the Indian language and customs of the Nebraska tribes.

Tries Army, Navy

When his parents moved to Ashland, Oregon, Fred gave up riding and followed them. About that time the Spanish-American war was attracting volunteers to the colors. By no system of measurement could they stretch him to

the required height to enlist.

"So Captain May of Co. B took me along as bugler. I never did get around to enlisting, although I went all through the Philippine campaigns, and returned with Co. B to San Francisco. There another fellow and I made the rounds of the recruiting offices until we found one that would accept both of us—for the navy. We thought we would outsmart them and serve together, but I never saw my pal again for 20 years."

"Locomotive Jockey"

After three years in the navy, McGrew drifted into railroad work and fired on various roads throughout the west, finally returning to Ashland, where he entered the service of the Southern Pacific as a roundhouse clerk. Master Mechanic T. W. Younger told him he was too small for a firing job, and thought that ended the matter. He didn't know McGrew! After three years of argument T. W. gave in and McGrew dusted off the left-hand cushion in the cab. Nine years later he dusted off the right-hand cushion and settled down in the king's seat, a pint-sized but genuine Eagle-Eye at last.

His official promotion date is June 21, 1914. Although his seniority never permitted him to hold a main line passenger run, he ran an engine in every kind of freight service for nearly 30 years. With many other railroad families, the McGrews moved to Eugene when the division point moved here in 1926.

"After the war," said McGrew, "we are going to take a trip to Kentucky. We are going to have ourselves a time and see all the horses and have all the fun we can find. But until then our traveling will be limited to an occasional jaunt to our stump ranch

Sign-up For Nurse Institute Urged

Graduate nurses of the community who wish to register for home nursing and nurses' aide institute which the Red Cross will conduct January 25, 26, 27, 28 are urged to do so this week by Mrs. John Bell, chairman in charge of these defense activities.

The institute, which will be conducted by Miss Mary Gray, nursing consultant from the American Red Cross office at San Francisco, will be in the form of a "refresher course" for those nurses who have not been practicing for some time. The aim of the course is to provide instructors for the Red Cross classes in home nursing and nurses' aides.

"There exists a critical need for nurse instructors in these courses," Mrs. Bell stated, "and if these very vital classes are to be continued nurses will have to volunteer to teach them."

Any interested nurse who can attend the institute is asked to call the Red Cross office for further information.

Troop 12 Scouts Place War Loan Posters

In preparation for the fourth war loan campaign, Boy Scouts of troop 12 Saturday placed nearly 600 posters as a part of the dispatch bearer poster project in Eugene.

Scouts of troop 12 are the official dispatch bearers during January to distribute posters for the office of war information and other government agencies. Troop 12 is sponsored by the St. Mary's Catholic parish. Dr. E. D. Furrer is scoutmaster.

Those who participated in Saturday's distribution were Richard Krenn, Dean Winther, Richard Weitzel, Danny Fox, Bob Furrer, Jim Laherty and Jim Toner.

Four types of posters were placed by the scouts including "Buying a bond is no sacrifice," "Buy extra bonds," and "Oregon! Bring 'em home in '44."

The troop 12 scouts offered to place the posters in all Eugene stores.

on the coast. You can write down that we're mighty proud of our daughter Pat, and her husband, Lt. Donald W. Maddox of the heavy artillery, U. S. army. And you can say that now that I've retired, my object in life is the same as it's always been—to look the world straight in the eye and get the most fun out of it I can."

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Bathtub Prices Zoom As Black Market Grows

WASHINGTON — (AP) — The nation's search for cleanliness has carried it into the black market where bath tubs with a \$42 ceiling price are going for \$100. This was the word received from

W. J. Lang, of the National Association of Master Plumbers, told the house small business committee that black market conditions affecting tubs and plumbing supplies have undermined the morale of plumbers and contractors.



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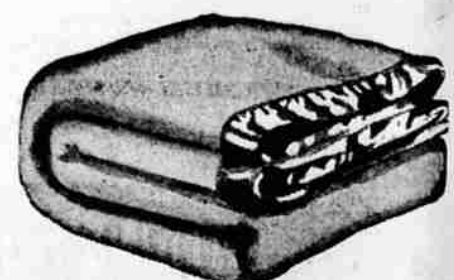
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