

Local News

TEMPERATURE
Maximum yesterday, 46 degrees.
Minimum last night, 32 degrees.
TODAY'S WEATHER
Temperature: 10 p. m., 37 degrees; 10 a. m., 40 degrees. Velocity of wind: 10 p. m., 4 miles; 10 a. m., 17 miles.

Miss Jean Silvis left yesterday for Klamath Falls to spend the week-end.
Wilbur Haines and son, John Haines, spent yesterday in Bend from Diamond.

E. P. Tiller, Burns merchant, accompanied by Clarence Young of Burns, was in Bend on business yesterday.

Lt. Col. and Mrs. William C. Chenoweth and two children left yesterday for Santa Barbara, Calif., where Colonel Chenoweth, who was a prisoner of the Japanese in the Philippines for two and a half years, is to enter a hospital. Colonel Chenoweth and family have been visiting here with his parents, Mr. and Mrs. J. A. Chenoweth.

A son was born to Mr. and Mrs. James Bowles of Sisters at the St. Charles hospital yesterday. The St. D. H. Clements is here from West York, Ill., for a visit with her daughter, Mrs. Justin A. Chenoweth, 415 Scott street. Mrs. George Henninger of Klamath Falls, a sister of Mrs. Chenoweth's, is also here for a few days.

Mrs. Sabina Andrews of Gilchrist was a Bend visitor today. Capt. Carl H. Jordan, now stationed at Camp Adair, was here today. Capt. Jordan, up until several weeks ago, was in charge of property disposal at Camp Abbot. Sgt. W. R. Reynolds of the Redmond army air field, last night was a guest at the Pilot Butte Inn. Mr. and Mrs. H. L. Armes of Lakeview, were Bend callers today.

William H. Hash of Chemult, was a business caller today. Lt. Dale B. Eckrote, stationed at the Redmond army air field visited Bend friends last night. William G. Goss and Marshall Freeman of Redmond, were Bend visitors today.

James F. Goodin of the Redmond army air field, spent last night in Bend. Lts. A. C. Estes and Paul T. Flynn of the Redmond army air field, last night were guests at the Pilot Butte Inn.

Russell Emery and family of Silver Lake, were Bend callers today. William H. Ball of South Junction was in Bend today on business.

Pvt. Roger W. Tobias, an instrument specialist with the army air force, left this afternoon for Fort Dix, N. J., after spending a furlough here with his parents, Rev. and Mrs. Kenneth A. Tobias.

Mrs. Ernest Jorgenson of Gilchrist shopped in Bend yesterday. R. H. Holmes was in Bend on business yesterday from Lapine. Mrs. Walter Rigdon of Gilchrist spent yesterday in Bend. Mrs. H. R. Inks of Redmond shopped in this city yesterday. Henry E. Schurman, chief radio

man, and Mrs. Schurman, arrived this morning to visit friends and relatives here. They are guests of Mr. and Mrs. Fred Perry, Mrs. Schurman's parents. Schurman, who lives in Pittsburgh, Pa., has been stationed at Puget Sound, Wash.

Paul C. Johnson, carpenter's mate 1/c with the seabees, who has been based on Biak, arrived last night to spend a few days here with his parents, Mr. and Mrs. P. B. Johnson. Paul boarded a Bend-bound bus at Eugene last night and by chance met his sister, Mrs. George Grunden, who teaches at Hillsboro, and her small son, Bobbie Lee, in it. Mrs. Grunden and Bobbie will return to Hillsboro tomorrow.

Lt. Earl Maynard, Eugene, former law student at the University of Oregon and well known in Belgium on Jan. 3, his uncle and aunt, Mr. and Mrs. R. A. Baker, 330 Saginaw street, have learned. The young officer is now in an English hospital.

Pfc. Dick Adreon, a graduate from Gilchrist high school with the class of 1943, has arrived in France, his mother, Mrs. Mae Field, of Gilchrist, has been notified. The Gilchrist boy is serving with a reconnaissance unit. His brother, Leon Adreon, seaman 2/c, is studying aviation radio in Memphis, Tenn. Mrs. Field was a visitor in Bend today.

Robert E. Hawes, Jr., machinist's mate 1/c, has arrived at a south Pacific base, his parents, Mr. and Mrs. R. E. Hawes, have learned. Mrs. Armin James of Gilchrist, accompanied by Mrs. R. J. Terrell, drove here today to return two-year-old Beatrice James to Gilchrist. The child has been in the St. Charles hospital for some time.

Dance at Eastern Star Grange hall Saturday nights. Ladies free. Adv.

Men, I'm back from the service, doing Barber Work at the Metropolitan Barber Shop. Stop and see me. Earl Lang. Adv.

Notice members I. W. A. Local 6-7: Executive Board Meeting Sunday, Feb. 4, 2:00 p. m. Trustees meet at 10:00 a. m. Local hall, 933 Bond Street. Adv.

7 Lots Purchased By Concrete Firm
Bend Concrete Products company purchased seven lots in the Center addition to Bend between East Seventh and Eighth streets on Greenwood street for \$350 at a sale of Deschutes county lands conducted this morning at the courthouse by Sheriff C. L. McCauley.

Gerald W. McCann bought 11 lots in Bend Park for \$280 at the sale while Carl Galloway purchased 160 acres for \$160 in the Cline butte area west of Redmond.

HAS 500,000 MATCH BOOKS
Fort Worth, Tex. (AP) — Arthur Alvin Steiner thinks rumors of a match shortage are foolish. But then Steiner has more than 500,000 books of matches he has been collecting for the last five years all around him.

Pipe Puffer



Cornoc pipes are not recent whims of Gen. Douglas MacArthur. He's been smoking them for many years—at least since 1916, when, as shown at top, he pulled the conventional design. He then was a captain stationed at San Antonio, Tex., during the border uprising. Bottom, he sports an unusual model while observing recent operations in the southwest Pacific.

Forest Service Called 'Father' Of Baby Tractor

Portland, Ore. (AP)—Good things often come in small packages. The old saw is true in one instance, at least. The "baby bulldozer," born in Portland with Ted Flynn assisting, is indeed a valuable piece of equipment. Flynn is senior equipment engineer at the U. S. forest service laboratory in Portland. He and his specially-trained assistant are directly responsible for the development of the airborne tractor, which played a major role in the North African campaign and in most of the South Pacific operations.

The airborne tractor—known variously as the baby bulldozer, the forestry trail tractor and what have you—was made by request. In 1937 the chief engineer of the forest service in Washington, D. C., and the regional forester gave Ted Flynn a prescription for a new kind of tractor. It had to be a machine properly proportioned in every respect to make a trail about the size of a large horse trail. It had to have plenty of power in order to negotiate rough, mountainous country. A very small package—the baby bulldozer is smaller than the average cultivator tractor—had to produce something extraordinary in the way of tractive effort, climbing ability, and simplified driver control. Like other forest service equipment, the tractor was developed to meet the needs of the forest areas.

The midsize tractor was used first in New Guinea, the army says. An army transport grabbed the first number right off the production line and flew it straight to the South seas. The "baby" didn't even have time to get accustomed to its new surroundings. It was put to work immediately stripping and roughing out land for airfields. Later it was used to make jungle trails.

Butternuts are over 60 per cent fat; they add richness and flavor to cakes and muffins.

NEWS OF SOCIETY

(All society items should be reported to The Bulletin not later than 10 a.m. on the days of publication, Tuesdays, Thursdays and Saturdays.)

Queen Esther Group Holds First Meeting

The first meeting of the Queen Esther group of the First Methodist church, was held Wednesday evening at the home of the counselor, Mrs. Willard Higgins. Election of officers was held. Those elected were: president, Miss Mary Ellen May; vice president, Miss Nina Rasmussen; secretary, Miss Norma York.

Meetings will be held on the third Tuesday of every month. The next meeting will be held at the home of Miss Alma Jean Lyman, 415 Lafayette, at 8:00 p.m. Any girls who are interested are invited to come. Installation of the new officers will be held.

The first meeting proved to be successful. Those present were: Betty Jeffrey, Alma Jean Lyman, Anna Mae Lyman, Verna Washburn, Jane Drake, Mary Ellen May, Elizabeth May, Nina Rasmussen, Janet Johnson, Shirley Fossen, Maureen Lyons, Helen Larson, Margaret Stevens, Kay Summers and Norma York. After a short business meeting there was a social period and refreshments were served by the hostess, assisted by Betty Jeffrey.

W.S.C.S. to Meet Wednesday

W.S.C.S. members are to meet Wednesday at 10:30 a. m., at the Methodist church for a meeting that is to last until afternoon, with a potluck lunch to be served. At 2 a. m. the Bend high school symposium team under the supervision of Wayne Overholser will discuss a topic dealing with the reception of servicemen after the war. Church people are invited to attend.

Trinity Guild to Meet — The Trinity Episcopal Ladies guild will meet at 2:30 p. m. Tuesday at the home of Mrs. G. A. Horst-kotte, 463 Congress avenue, it was announced today.

Circle One To Meet—Circle one of the Catholic Altar society will meet at 8 p. m. Tuesday with Mrs. Henry Scott, 112 Drake road.

Wide Post-War Expansion Seen for FM Broadcasting

By Charlotte G. Moulton (United Press Staff Correspondent)
Washington (AP) — Frequency modulation is a new method of sending out sound over the air. There is no static mixed with FM broadcasts and reception is marked by high tone fidelity. FM enthusiasts say that the lowest notes of a solo violin and the crash of an orchestra come over the air in such perfect relation that the listener fancies himself present in the concert hall.

How It Works
Originator of FM broadcasts is Major Edwin H. Armstrong, professor of electrical engineering at Columbia university and one of radio's outstanding inventors. FM is not as mystifying as it sounds. This is how it works: Picture a radio beam carrying a program over the air from the transmitter of the broadcasting station to the receiving set in your living room. This is called a "carrier wave" and it comes in at the point on your dial assigned to the station by the FCC.

This carrier wave, however, cannot bring in any music or speech by itself. It has to have help from the sound wave originating in the studio. The process of varying or

modifying the carrier wave by imposing the sound wave on it is called modulation. Regular standard broadcasting, or amplitude modulation, is done by modifying the power—or amplitude—of the carrier wave. FM is accomplished by varying the vibrations, or frequency, of the carrier wave, and is therefore called frequency modulation.

No Conflict With Standard
There is no interference between programs broadcast by standard and FM stations because the two operate in different sections of the radio spectrum—that public domain of the air which the FCC apportions to all users of radio. Each type requires its own home receiver, although many present-day sets provide for both kinds of reception. About 50 commercial FM stations are now operating and there are about 500,000 FM receivers in the hands of the public. Predictions are that within five years after the war there will be as many as 2,000 such stations, with home sets numbering well into the millions.

Because the FCC looks for a huge investment in FM broadcasting equipment and receiving sets after the war, it has sought to assign the service to a place in the radio spectrum which will serve it for many years to come. The allocation is opposed by commercial broadcasters presently operating FM stations, who contend that the proposed standards have not been sufficiently explored by radio technicians. This and other objections will be heard beginning Feb. 14 at the final argument on the entire FCC proposals.

Ownership Restricted
To avoid monopoly and encourage local initiative the FCC now proposes to single persons or groups to control no more than one FM station in the same area and not more than six in the whole country. There are presently more than 300 applications in the FCC files for permission to build FM stations. When manpower and materials are available the commission will act on them.

About 80 per cent of these applications are by persons or groups already operating standard stations. In order to keep the door open to newcomers the FCC is proposing to keep free for the time being a portion of the space allotted to FM. Licenses to operate in this space can be granted to qualified persons who may wish to enter the field at some future time. Thus, in the interim period before FM becomes self-supporting, those already in the broadcasting business will not gain undue advantage by using studios and personnel already assembled.

SEVENS-A-PLenty
Los Angeles (AP) — "Mommie," seven-year-old, seven-toed cat, gave birth to seven, seven-toed kittens recently.

Farwell Party Honors Dr. and Mrs. J. F. Hosch

Dr. and Mrs. J. F. Hosch were guests of honor at a farwell party given Thursday night by Mr. and Mrs. George W. Nelson at the Alpine lodge. The evening was spent in card games following which Dr. Hosch was presented with a pottery vase and animal figurines in a matching color. Mrs. Hosch was given a mahogany coffee table.

Refreshments were served by Mrs. Nelson, assisted by Mrs. Robert Stout, Mrs. George F. Euston, Mrs. Guy Claypool and Mrs. Leon Bown. Those present were: Dr. and Mrs. Fred A. Lueallen, Dr. and Mrs. J. W. Thom, Mr. and Mrs. Harold Moore, Mr. and Mrs. Ole Halverson, Mr. and Mrs. Charles Whetzel, Mr. and Mrs. Fred Shepard, Mr. and Mrs. James Gillfillan, Mr. and Mrs. C. J. Reiter, Mr. and Mrs. Guy Claypool, Mr. and Mrs. Leon Bown, Mr. and Mrs. George Simerville, Mr. and Mrs. Herman Gilcher, Mrs. John Gardner, Mrs. Cash Stinnet, Mrs. Edith Darr, Mrs. Hugh C. Mulkins, Miss Anne Stevenson, Mr. and Mrs. Robert Stout, Mr. and Mrs. George F. Euston.

W. V. F. Auxiliary To Sew—The Auxiliary of the Veterans of Foreign Wars will meet at 10 a. m. Tuesday at the home of Mrs. Ralph Hensley, 236 Saginaw, to sew for the Red Cross. A luncheon will be served by Mrs. Hensley with Mrs. Clyde Payne, former Bend resident now living in Portland, as guest of honor. Mrs. Payne is visiting her daughter, Mrs. Einar Selvors.

Triple Link Luncheon—The Triple Link club of the Rebekahs will meet at the I.O.O.F. hall at 1 p. m. Tuesday for a potluck luncheon.

Soroptimist Club to Dine—The Soroptimist club will hold a dinner meeting at 6:30 p. m. Monday at the Pine Tavern, it was announced today.

Silver Tea Planned—The L. D. R. of the First Lutheran church is completing arrangements for a silver tea to be held on St. Valentine's day, Feb. 14. Proceeds from the tea will be used toward securing a new altar for the church, which is the organization's project for this year.

21 Certificates Earned by Women

Twenty-one Bend and Redmond women were issued home nursing certificates this week by the Deschutes county Red Cross after they had completed the "six-lesson home nursing" course given by Mrs. Rachael St. Pierre Sawyer of San Francisco.

Bend women who received certificates were: Mrs. O. T. Cook, Mrs. M. R. Sutherland, Mrs. Harold Gentry, Mrs. J. O'Leary, Mrs. Tom C. Huettler, Mrs. William Hatch, Mrs. Harry Drake, Mrs. J. E. Crothers, Mrs. Harry Brandt and Mrs. Richard Brandt. The following Redmond women received certificates: Mrs. A. H. Olsen, Mrs. Edwin Brown, Miss Naomi Brown, Mrs. Velma Adams Brown, Mrs. George Griffith, Mrs. Nettie Ford, Mrs. A. L. Peden, Mrs. John Parkey, Mrs. W. Robert Walpole, Alys Belle Farrel and Mrs. Ula L. Blair.

CAMP FIRE GIRLS

Women of the Redmond Camp Fire council elected the following officers for 1945: Mrs. J. R. Roberts, president; Mrs. Lloyd Baker, vice-president; Mrs. Jack Hartley, secretary-treasurer. Committee members are: Mrs. C. W. Helm and Mrs. John Henderson, membership; Mrs. Ernest Wilson, Jr., and Mrs. D. L. Howard, telephone; Mrs. P. M. Houk, Mrs. John Henderson and Mrs. D. L. Howard, awards; Mrs. Lloyd Baker and Mrs. C. Jensen, guardians; Mrs. Joe Brown and Mrs. Jack Hartley, publicity; Mrs. C. Jensen and Mrs. John Henderson, extension. These women are also members of the county council.

Redmond now has four active groups. Camp Fire guardians are Mrs. Chalmers Nooe and Miss Ramona Huddleston. Mrs. John H. Bering and Mrs. M. Strickland are the Blue Bird leaders. The groups in Redmond are preparing for the grand council fire to be held in March. Girls from Bend, Shevlin and Prineville will attend it. Ceremonial gowns are needed for girls who will take the fire-maker rank then. Any girl who has a gown she will sell is asked to call Mrs. Joe Elder, 603-1.

Waditaka Wetomachick
The girls of Shevlin's Waditaka Wetomachick group have been busy painting the Camp Fire club house. The group has been selling candy at the basketball games and at the Gilchrist school to raise money for their group. They are working on a colonial doll house

Cheskchamay — Mrs. Clifford Brown, 1237 Cumberland, 3:45 p. m. Bluebell Bluebirds — Rosella Knight, Reid school, 3:45 p. m. Otawateca — Mrs. E. W. Williamson, 27 Glen road, 3:45 p. m. Iyopta — Mrs. Rees Brooks, 814 Harmon, 3:45 p. m. Sweet Pea Bluebirds — Mrs. W. G. Coleman, 1471 West Third, 3:45 p. m. Happy Times Bluebirds — Miss Charlotte Mullins, Reid school, 3:30 p. m. Hollyhocks are often smothered during the winter by too much covering.



Johnny says: "G. I. bread is O. K. — but it doesn't taste fresh and sweet like



Popular, Because It's GOOD!

Advertisement for 'The Hairy Ape' featuring William Bendix and Susan Hayward. Includes text: '2 DAYS ONLY STARTING TOMORROW Continuous Show From 1 P. M. NO DAME'S GONNA CALL ME THAT!' and 'The Hairy Ape'.

Advertisement for 'Rainbow Island' at the Capitol Theatre. Text: 'LAST CHANCE TONIGHT NO WONDER THE CASTAWAYS DON'T WANT TO BE RESCUED! RAINBOW ISLAND DOROTHY LAMOUR IN TECHNICOLOR'.

Advertisement for 'Casanova Brown' featuring Frank Morgan and Gary Cooper. Text: 'A RICE GUY WITH A RAUGHTY DAME... who had a soft spot for every game! CASANOVA BROWN WITH FRANK MORGAN and GARY COOPER'.

Advertisement for 'Valentine Flowers' featuring Pickett Flower Shop & Gardens. Text: 'FRESH ORCHID CORSES, Red Roses — Violets, Carnations — Gardenias, Potted Daffodils — Tulips. ORDER AHEAD! PICKETT Flower Shop & Gardens'.

Advertisement for 'Worship God In God's Way Church of Christ'. Text: 'Galveston and Columbia KBND Daily 4:30 p. m.'

Advertisement for 'Dr. Grant Skinner Dentist'. Text: '1036 Wall Street Evenings by Appointment Office Phone 79 Res. Phone 818-W'.

Advertisement for 'U. S. Army Group' featuring a crossword puzzle. Text: 'Answer to Previous Puzzle. HORIZONTAL 1.5 Depicted is insignia of the U. S. Army. VERTICAL 1 Lance, 2 Pressed, 3 Beverage, 4 Solid, 5 Indian, 6 Office of Civilian Defense (ab.), 7 King's residence, 8 Pile, 11 Town (Cornish prefix), 12 Siamese coin, 16 Half-em, 17 Therefore, 23 Harvest, 25 Kit, 26 Sketched, 28 Crippled, 29 Born, 30 Native of (suffix), 31 Filth, 32 Confined, 34 Go by, 35 Cease, 37 Coal residue, 38 Ohio city, 44 Health resort, 45 Be quiet!, 46 Archetypes, 48 Within, 49 Compass point, 50 High card, 51 Seine, 52 Court (ab.), 53 Roman magistrate, 54 Lock of hair. 20 Smirch, 22 Deplores, 24 Equals, 25 Tops of heads, 27 Moist, 28 Mouth part, 31 Smashed, 33 Themes, 34 Out of date, 36 Trousers, 38 Staff of office, 39 Dined, 40 New Testament (ab.), 41 Symbol for tellurium, 42 Footed vase, 43 Dill, 46 Churn, 47 Steamer (ab.)'.