ever reach the planets. Today's question is: When' so now is a good time to look at the solar system in which we live.

### By JOHN A. BARBOUR AP Science Reporter

NEW YORK, Nov. 7 P-What with Russia's Sputniks, and the gaudy possibilities of interplanetary travel to come, our solar sys- Earth Most Cozy tem seems to be shrinking some what like the earth did when airplanes came into usc.

Fortunately, the solar system being our celestial habitat, has been closely enough studied to culations fundamental to the space travelers of the future.

fundamentals. Gravity is one of them. It is the

of the planets. The Earth is one of nine planets -and a puny one at that.

sun's gravity that controls the

Jupiter, the biggest, has a diameter 10 times as large as Earth's In fact two of Jupiter's moons

smallest of the planets. To get an idea of the neighbor bood that these planets patrol, let's suppose that the Earth and the Sun, would be just 5 inches from its searing surface. Pluto, the farthest, would be almost 40

are bigger than Mercury, the

feet away. Venus would be little more than 8 inches from the sun: Mars would be 11/2 feet, Jupiter 5 feet, Saturn 912 feet, Uranus more than 19 feet and Neptune about 30 feet.

In space, Pluto's most distant orbit is 3,670,000,000 miles from the sun Strung out in an uneven and changing parade in their own orbits are the other planets. But there is only one boss over

all of this area. If you lumped all the bodies in the planetary system together, you would still have to magnify them 600 times to ap-

### Planets Different

Alike as they are in their obeience to the Sun, the planets are very different in other ways. fact they hardly seem to belong to the same family

so close to the Sun, travels only a small fraction of the distance Pluto must travel. Venus, like the Earth, has an at-

as in fiction that there is life on siles and their records.

## Mars 'Has Life'

moons, canal-like patterns on its surface, and a popular reputation surface, and a popular reputation on earth. Most people think of the equivalent of 1,000 tons of the equivalent of 1,000 t will travel" category.

remarkably clear, but our own have had successful flights to as 5,000-Mile Missile

Earth and Mars, are those planets reached a distance of 3,500 statute er, officially described as having presidency in 1948. farther out in space and little miles. Mercury which skitters along too Atmosphere Re-Entry near the Sun for comfort.

For Mercury, a peculiar bit of mathematics makes for an unpleasant climate. While it takes Mercury 88 days to go around the rotate once on its axis.

the same side of its face turned here in my office is an experi-miles. to the Sun almost all the time. tune. They are especially inhospit. to be talking of the nose cone of ing a nuclear warhead."

Saturn carries a whole barrage of To 4,000 Miles

## Committees Draft Wool Resolutions

PORTLAND, Nov. 7 P - Five committees met here today to draft resolutions for presentation at the 62nd annual Oregon Wool Growers Assn. convention which

President Julian Arrien of Vale will open tomorrow's session with his annual report. Reports on the National Wool Growers Assn. and

sor at Oregon State College.

So at Oregon State College.

So yiel Embassy diplomats at the newly decided on.

In the past five years the French newsmen's questions as to wheth—Murphy, top-ranking American newsmen's questions as to wheth to any aggressor.

Showing the party of ing by slightly more than 50 per

asteroids

Through them all wander the

Of all the planets, none is as seasons.

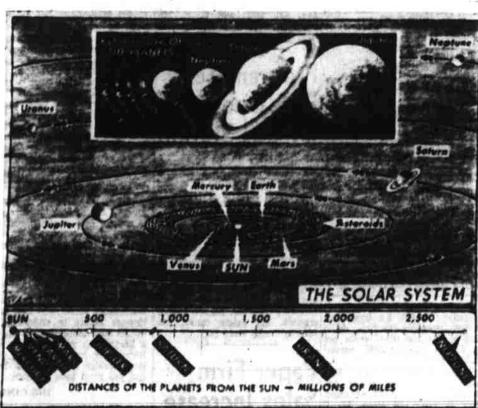
The last planet discovered, and minutes, man rotates with the man in the manner to which he the farthest away, is Pluto, Little Earth around its axis, thus enjoy has become accustomed. In fact is known of it yet-but its size ing night and day. The Sun gives Earth has been a good home for which he said he will "move as contrasts sharply with its larger light by day and the Moon, some many years.

discrete light at night.

Earth. Here, in 23 hours and 56 and other necessities to support

neighbors. It is perhaps \*4 the size 239,000 miles away, gives a more But lately, perhaps because he yearns for his more adventurous The Earth's axis is tilted, so childhood, man has grown restthousands of tiny planets, called that the year-long travel around less. He has added small artificial the Sun offers different portions satellites to his immediate family of Earth's body to be warmed at and is eyeing covetously the real Speaks to different times. Man calls this the estate on Moon and even Venus and Mars, his two nearest neigh-

# 'Road Map' for Future Travelers



NEW YORK, Nov. 7-This may look like road map from your old geography book, but now it may be something of a road map of the future. Here's a three-way look at the solar system: at top, the relative sizes of the planets; center, a general picture of planets' rotation around the sun; at bottom, comparative distances from the sun, (AP)

# Jupiter for instance has 12 Ike Outlines New Details Missile Czar Mercury takes just about 88 days to get around the Sun. Pluto takes 248 years to do the same thing. Mercury, because it orbits so close to the Sun, travels only a

mosphere. Astronomers don't tonight there were some top se. Project Far Side. That experiment know how deep it is or whether it cret facts about weapons he conducted from Eniwetok Atoll in President Eisenhower's choice to es abroad.

In his television-radio talk to the of about 100,000 feet. Of the six istrative and technological exper-Heavy cloud layers and the incountry on the state of new weap tests, three produced success or ability to see permanent markings and defenses. Eisenhower at least partial success. Study of

moons, canal-like patterns on its ons. The power of warheads pre. definite information on possible Dr. Killian worked his way up Free World Stronger

We know Mars' atmosphere is 2. "Our ballistic test missiles niks or American ballistic missiles the banks of the Charles River.

atmosphere.

If this won't dissuade visitors, the missile which hit the target. Seek Out Enemy the planets are also blanketed was recovered. In it was a letter

(Story also on page 1.)

WASHINGTON, Nov. 7 18-Pres. outer space," Here the President ident Eisenhower told the nation was discussing the Air Force's

on Venus have prevented scientists from learning even how fast the planet rotates.

We do know that Earth and Wenus are almost the same size— in World War II." Eisenhower obties a construction of the country is leading entropy to all the artillery used in World War II." Eisenhower obties a construction of the country is leading entropy to altitudes of about the rockets so far has disclosed information up to altitudes of about the rockets so far has disclosed information up to altitudes of about the rockets so far has disclosed information up to altitudes of about the rockets so far has disclosed information up to altitude of about the rockets so far has disclosed information up to altitude of about the rockets so far has disclosed information up to altitude of about the rockets so far has disclosed information up to altitude of about the rockets so far has disclosed information up to altitude of about the rockets so far has disclosed information up to altitude of about the rockets so far has disclosed information up to altitude of about the rockets so far has disclosed information up to altitude of about the rockets so far has disclosed information up to altitude of Technology—for nine years.

We do know that Earth and the rockets are rockets and other advances in the missile discussed. Cliff Ferguson, head of the country's leading entropy the rockets so far has disclosed information up to altitude of Technology—for nine years.

The effect of freight rates on the state's agricultural economy was discussed. Cliff Ferguson, head of the rockets so far has disclosed information up to altitude of Technology—for nine years.

The discussion of the rockets agricultural economy was discussed. Cliff Ferguson, head of the rockets agricultural economy and other advances in the missile state's agricultural economy was discussed. Cliff Ferguson, head of the rockets agricultural economy and other advances in the missile state's agricultural economy and other advances in the missile state's agricultural economy and other advan Venus are almost the same size—in World War II." Eisenhower ob-differing only a couple of hundred viously was talking about the 70-differing only a couple of hundred viously was talking about the 70-who will slash through red National Security Council, calling merce Commission hearings viously was talking about the 70 at least one of the first one who will slash through red in a total of 45 advisers from milipolar tude perhaps exceeding 4,000 miles tape to handle an emergency when the occasion demands.

National Security Council, calling merce Commission hearings in a total of 45 advisers from military, diplomatic, scientific and itation—mass protest can accomitately diplomatic, scientific and itation—mass protest can accomitately diplomatic, scientific and itation—mass protest can accomitately diplomatic, scientific and itation—mass protest can accomhead. The Army uses four launchings studied have not produced ings studied have not produced a native of Blacksberg.

Incre are some slight clouds. Temperatures vary greatly on Mars, but many astronomers believe there is at least plant life on the planet.

In sharp contrast to Venus. Earth and Mars, are those planets.

The air-breathing Snark regulated over a guided missile, accurately placed on target. This is an Air Force guided missile, actually a form of pilotless bomb. The air-breathing Snark regulated over a guided missile, accurately placed on target. This is an Air Force guided missile, actually a form of pilotless bomb. The air-breathing Snark regulated over a guided missile, accurately placed on target. This is an Air Force guided missile, actually a form of pilotless bomb. The air-breathing Snark regulated over a guided of us in satellite development, as of today, the overall military strength of the free which carried him to the vice presidency in 1945 and the vice presidency in 1945 a

3. The problem of re-entry of a was made from the Missile Test missile into the atmosphere, after Center at Cape Canaveral, Fla. following a trajectory into virtual- That test, made in recent days, ly airless space, has been solved, is understood to have been over cation, research and public seramount of time for the planet to warhead of a missile burning up Snark out over the Atlantic, turned vice. from aerodynamic friction, as a it by means of its guidance sysmeteor does when it reaches the tem, then brought it back to the area of Cape Canaveral

the Sun almost all the time.

At the opposite end of the planhas been hundreds of miles to oceans submarines which can rise etary ladder are the big planets- outer space and back. Here it is, to the surface and launch, in a Jupiter. Saturn, Uranus and Nep. completely intact." He appeared matter of minutes, a missile carryable and cold. In fact tempera- an Army Jupiter IRBM fired last the Regulus, another form of pilot-

the planets are also blanketed was recovered in it was a letter with poisonous gases—mostly a from technicians at the Army's fog of ammonia crystals and me. Redstone, Ala, Arsenal, to Maj, thane gas. This lies across huge Gen. John B. Medaris, chief of caps on the planetary surfaces, the Army ballistic missle project.

The Some missiles have their own opening performances of "Look Back in Anger" and "Romanoff and Juliet." Latecomers had to wait in the lobby until intermisa Bomarc missile, by itself, sought 4. We have fired three rockets out a fast-moving, unmanned airto heights between 2,000 and 4,000 plane 45 miles at sea and actually not want to have "the critics dismiles, and have received back met it head on."

Anti-Tardiness Drive

tration on "teamwork bound to-

(Story and picture on page 1.)

ience.

At MIT Since 1926

Merrick explained that he does successful."

## 1,000 Jam Russian Embassy for 40th Anniversary of Revolution tific education and to the plant of science in our national life." These advisers Fiscarbons

in the pulsate of the state of

the national budget will follow.

Scheduled speakers included G.

N. Winder, president of the American Sheep Producers Council.

N. Winder president of the American Sheep Producers Council.

One hour after the reception below again after years scheduled to reassure the American begin recording again after years scheduled to reassure the American begin recording again after years scheduled to reassure the American begin recording again after years scheduled to reassure the American begin recording again after years scheduled to reassure the American begin recording again after years scheduled to reassure the American begin recording again after years scheduled to reassure the American begin recording again after years scheduled to reassure the American begin recording again after years scheduled to reassure the American begin recording again after years scheduled to reassure the American begin recording again after years scheduled to reassure the American begin recording again after years scheduled to reassure the American begin recording again after years scheduled to reassure the American begin recording again after years scheduled to reassure the American begin recording again after years scheduled to reassure the American begin recording again after years scheduled to reassure the American begin recording again after years scheduled to reassure the American begin recording again after years scheduled to reassure the American begin recording again after years scheduled to reassure the American begin recording again after years scheduled to reassure the American begin recording again after years scheduled to reassure the American begin recording again after years scheduled to reassure the American begin recording again after years scheduled to reassure the American begin recording again after years scheduled to reassure the American begin recording again after years scheduled to reassure the American begin recording again after years scheduled to reassure the American begin recording again after years schedule ican Sheep Producers Council, dozens of Western and Commu-ferent kinds of meats, that it was He said he felt confident that he welfare, and C. W. Fox, associate profes-nist-bloc ambassadors.

All the said he felt confident that he welfare, almost impossible to move through would win a court battle with the He said

> the Russians were sending a official at the reception, staved Showing up at the reception in the reception i this than we do," was the stand- William Lacy who has been nego- Czechoslovakia and Pakistan.

WASHINGTON, Nov. 7 (# \_ Zarubin, resplendent in a blue Soviet - American cultural ex-basic research both in government About 1,000 persons crowded the military-like uniform with an em-change visits.

CAMBRIDGE, Mass., Nov. 7 in gineering talent for development of the nation's defenses. ment to reporters' questions on Technology, took his new appointwhether he intended to set up any ment as special scientific assist-

Ike's New Science Aide to

ant to President Eisenhower right rockets or even expansion of education in the sciences He issued a brief statement in

Dr. Killian parried most of the rapidiy as possible" to set up an them either to the statement he issued or a copy of the text of the President's speech.

President Eisenhower nounced the appointment of Dr.

dent Eisenhower, speaking to the

President

Calm U.S.

(Story also on page 1.)

in stride tonight.

cow, declared:

missile competition situation.

missiles will, whenever possible, "be put under a single manager and administered without regard to the separate services. 3. Congress will be asked to re-

This apparently meant the law-

### Research Effort ....

tion and "comparable organiza-

CAMBRIDGE, Mass., Nov. 7 @ taches in appropriate plac--Dr. James Rhyne Killian Jr.

whow deep it is or whether it cret facts about weapons he support life, but there has couldn't discuss, but he did distinction of research rockets from fense program, is recognized as a background of charges by Demo-field crops, poultry, fruit and vegetive and the couldn't discuss but he did distinction of research rockets from fense program, is recognized as a background of charges by Demo-field crops, poultry, fruit and vegetive and the couldn't discuss but he did distinction of research rockets from fense program, is recognized as a background of charges by Demo-field crops, poultry, fruit and vegetive and the couldn't discuss but he did distinction of research rockets from fense program, is recognized as a background of charges by Demo-field crops, poultry, fruit and vegetive and the couldn't discuss but he did distinction of research rockets from fense program, is recognized as a background of charges by Demo-field crops, poultry, fruit and vegetive and the couldn't discuss but he did distinguished the couldn't di six balloons floating at altitudes man who has a wealth of adminsome Republicans, that the administration has been complacent the effect of freight rates on the

point reached by Russia's Sout-sprawling engineering school on that, although the Soviets are mittee said was his inaugural adquite likely ahead in some mis- dress promise to surbey the agrishimmers, hampering our vision. This shimmers, hampering our vision. There are some slight clouds, appeared to refer to one of the cently traveled over a guided.

At MIT Since 1926

Sile and special areas, and are cultural tax programmers, but much as 3,500 miles." This obviously ahead of us in satellite something about it.

> hind Russia in defense strength. But this will not happen, he de-

and get on with the job to be During World War II when the done. scientific and engineering re- At almost the very start of his

before you - the rough with the smooth. Some of these security facts are reassuring others are NEW YORK &-Producer David not-they are sternly demanding. below zero on Neptune for example
about 1.200 miles. The cone of miles.

The map't discussed with a range of up to about 700
about 1.200 miles. The cone of miles. Merrick closed the door prompt action, and still others new dimenly as the curtain went up at the facts and requirements before

## Glaring Deficiency

He said his "scientific friends" tell him that one of the nation's most glaring deficiencies "is the failure of us in this country to give high enough priority to scientific education and to the place

These advisers, Eisenhower went on believe a second critical tiating with Zarubin for expanded need is to give higher priority to and private industry.

diplomatic reception given by Ambig stairway leading from the emthan when he was a gridiron Allweek, presumably in his Nov. 13 the
bassy lobby.

American at Rutgers University, speech at Oklahoma City This is

lorganization of scientific and en-

In a 15-minute press conference newsmen's questions by referring

Killian to a nationwide television and radio audience from the White

### Knew of Appointment

WASHINGTON, Nov. 7 P-Presnation tonight as the Russians dis- heard the speech in the lounge of

1. He has ordered Secretary of Defense McElroy to make certain that group. that the Pentagon's guided missile director "is clothed with all to the authority that the secretary to the new job" in Washington. himself possesses in this field, so He said he will go to Washington that no administrative or inter-service block can occur."

McElroy's assistant for guidcoordinating agent and McElroy or full-time basis for varying himself has taken a hand in the periods 2. Any new program involving

move legal barriers to "the exchange of appropriate technological information with friendly cour

makers will be asked to amend the atomic energy law so that this country can give more data to Great Britain and other

4. If Congress does this, the President said, he will supportalong the lines of an agreement recently reached with British Prime Minister Macmillan-a sci entific committee to carry out an Action on Rail the North Atlantic Treaty Organ-

tion" will be studied for the Southeast Asia Treaty Organiza- At Farm Meet will be studied for the

ures, he said, Secretary of State holding its annual convention Dulles will appoint a science adhere, divided itself into study viser to himself and science at groups for today's session.

## Blacksberg, S.C., mobilization fields.

sile and special areas, and are cultural tax program and do

vice presidency in 1945 and the ever advantages they have are viet Union urged today that the "We must see to it that what 7 (P-Czechoslovakia and the So-During his nine years at the temporary only. of this missile, like ballistic weapons and other big guided missiles, in pace with the rapid advances of the missile from the Missile Test.

During his nine years at the The President said "it is en in 1909 on the effects of country on the possible" that in the years radiation. They said radiation ahead this country could fall be from nuclear tests endanger man-The President said "it is en in 1959 on the effects of atomic

clared, if people in this country will close ranks as Americans

an sources of MIT were mobilized for speech. Eisenhower declared he This leaves poor Mercury with Said the President: "This object over-all distance of about 5,000 service to the nation in research, was going to "speak plainly" in Dr. Killian shared the administ this and other speeches to follow, trative responsibility with then He said: "I am going to lay the facts

wait in the lobby until intermis- just the government but every American, if we are to make it

Russian Embassy tonight to help celebrate the 40th anniversary of the Bolshevik Revolution at a big greeted guests at the head of the Bolshevik Revolution at a big greeted guests at the head of the Robeson. many pounds heavier long - range requirements next

dozens of Western and Commuferent kinds of meats, that it was the said ne fell confident that he
welfare.

Almost impossible to move through
solvet Embassy diplomats at the newly decorated embassy salthe party jokingly turned asidnewsmen's questions as to whethMurphy, top-ranking American

Mandering at 206
Mandering Building, Salem, Oregon,
within six months from the date

Mandering Building, Salem, Oregon,
within six months from the date

Mandering Building, Salem, Oregon,
within six months from the date

Mandering at 206
Mandering Building, Salem, Oregon,
within six months from the date

Dated and first published this 11th

Dated and first published this 11th

travel.

Mandering Salem, Oregon,
within six months from the date

for some years enough strikgrant him a passport for overseas ing power to bring near annihilation" to any aggressor.

Beaulan E. Warner

But he flatly declined to com-"crash programs" for satellites

### Dr. Killian said he knew of his

appointment about 10 days ago. But it was a well-kept secret at A crowd of 100 of the faculty

played new military might in Mos- the Faculty Club and the first mention of Dr. Killtan's name touched off a round of cheers in Dr. Killian did say that he plans "taper off here and taper in

next week. He said he expects to set up a By missile director. Eisenhower small staff of full-time aides and was referring to William M. Hola- to call upon scientists and engineers from all parts of the couned missiles. Holaday has been a try to assist him on a part-time

> Dr. Killian, in his prepared statement, said: "I shall move as rapidly as pos-

sible to marshal the best scientific and engineering judgment and creative talent in the United States and to make it available to the President for the formulation of national policy which involves science and technology.

### "The President has provided means to integrate American science in every proper way with

national policymaking and I shall seek to facilitate this by every means at my disposal. "A very strong scientific advisory group is an essential part

of the plan and the recruiting of

this group will proceed with the

# zation. Eisenhower said "similar ac- Rates Sought

EUGENE, Nov. 7 P - The To help carry out these meas- Oregon Farm Bureau Federation,

'Marketing and Promoting Our Products" was the theme of the At a morning panel discussion

plish your ends." he said. taxation committee, will go before

UNITED NATIONS, N.Y., Nov. U.N. hold a scientific conference

### 300 Personal 312 Lost and found

LOST down town Wednesday a BATON, E.M. 2-3893 LOST Ladies white plastic bill fold, in Ebner's parking lot, or vic of 797 S 28th. Money desperately, needed, reward, Call EM 3-0135.

LOST: Brown ladies billfold, downtown, need papers & money, Reward EM 3-0407 af-ter 5 LOST: Male Stamese cat, "Ren-ny." EM 4-7343. Child's pet.

## LOST Blue Parakeet "Blue Boy" vic. 17th & Center, EM

316 Personal

NOT responsible for any bills other than my own Irene B. Holzworth Gifts - Fine Glass & China JARY'S FLOWERS & GIFTS Capitel Shop. Cir. EM 4-3391 MORE people buy World Book than any other encyclopedia' Why! EM 2-5562

### ALCOHOLICS Anonymous 860 Marion EM 4-0545 400 Agriculture

## 402 Livestock For Sale

FOR SALE: Real classy American-Saddle, 6 yr old mare. Good posse prospect. G. S. Pulver, Albany, Ore. ASK those who deal with us. 15
37s fame location boarding,
buying selling & exchanging
horses & saddles, 3376 Silverton Rd. EM 4-8725

### ADS IN THIS COLUMN RECEIVED Too Late to Classify

10 GMC Panel, excel cond. 753 Thompson Ave. NE. eve & wk. ends. 50 PONT sdn radio, heater, hydra, Leather seats, clean very good tires, EM 4-9459.

VOLKSWAGEN nedan, radio very good, \$1,350, EM 4-9957 NEAR Aumsville. 3 bdrm. hse., ige. chicken hse., 2 A. of Raspberries. Price cut from \$6500 to \$5500. All kinds of fruit. Don't miss seeing this! C. W. Reeve. Ritr. 1860 Mission, EM 3-4590 eves. EM 3-9336; EM 2-0818

KEIZER dist. clean 2 bdrm hse. \$75 Inq. 2030 Hazel. CLEAN, 2 bdrm. Leslie Dist. 86 Avail. 11-18 EM 4-6038. NEW, mod. 3 lge. rms. & bath. Gar. part furn. \$55. EM 4-3403 BACHELOR COURT APT. URN.. elec. heat, bus & store \$30-\$45. Util pd. EM 3-0694. FURN, apt. \$35. util inc. Single person. EM 4-1587.

CAREER OPPORTUNITY

E have need of 2 men for salern area. Work with a progressive growing insurance company. Salary & Commis-sion. For further into. Call EM 3-0356, 5-7 p.m. USED Wood furnace, \$16. EM 3-3603 or EM 4-5873 eves. USED Coleman F A oil fired furnace, comp. with tank, con-trols, thermostat \$35. EM 3-3603 or EM 4-5873 eves.

NEARLY new gas range, lots of storage, full oven, griddle, etc. \$50, EM 3-3603 or EM 4-5873 30 inch range, very nice, lat model, \$90. EM 4-9957. FRIDGIDAIRE 7' refrig. \$40. Ex-cellent cond. EM 2-8004 aftre 6 p.m. & Sat & Sun. MAYTAG wringer, round tub. \$25 EM 4-5939. APT. Size elec. range \$25. Kir by vacuum cleaner with attach \$16. EM 3-4385.

GOATS wanted. EM 4-1355 SPECIAL 955 CHEV 4-dr. Belaire, I own-er, 27,000 mi. Radio, heater

## 400 Agriculture

402 Livestock For Sale FOR RENT: Box stalls for horses, close in. EM 4-1074.

403 Livestock Wanted HORSES boarded \$15 month. EM 2-5170. BUYER-Claud Edwards, Rt. 3, Box 899E, EM 4-1112. FOP cash prices at your place Ray Cozel EM 4-3168 collect CATTLE - Snethen 4105 Silverton Rd EM 2-1345 or EM 2-4380

## CATTLE horses, at your farm E C McCandlish EM 3-6189 STATTLE buyer A F Sommer

405 Pets BEAUTIFUL beagle pups \$20 & up. EM 2-4270 GERMAN Shepherd pups. Rin Tin Tin blood line. 2846 Fisher Rd. FREE Kittens, to give away. EM 2-3884 after 5:30.

GOLDEN Retriever puppies, wks. old. \$15. EM 4-0770. GIVE to good home, Male kitten. Make nice hae, pet. EM 2-4404 CUTE kittens! To give away. 4795 Swegle Rd. MOORE PETS Reg. Pugs & other good pups Squirrel monkey. Birds board-ed. Open eves. 4005 State St.

PARAKEETS, all colors, 1495 Marion, EM 2-7874 MOS. old Siamese Kittens, \$10. EM 3-8861 or EM 2-6957. PEKINESE puppies, AKC reg. serv. MA 3-3708 Dallas. BOSTON Terrier pupples, 6 wks. old. Beautifully marked. Reas. EM 4-2489. u-haul

THREE choice — German Shep-acrd pupples, 3 Mo AKC reg. Shots. Reasonable, EM 2-3033. CUTE Kittens to give away. FULL size maple poster bed AKC Reg. beagle puns, 6 weeks old Call EM 2-4898. DOG OWNERS: ATTENTION! Learn how to train your dog. Next obedience class starts Nov. 13, For info. Call Ray Hoff-man EM, 2.0604.

## BIRDS, CAVIES, CHIPMUNKS, Bird Paradise, EM 3-1428.

412 Food Column LOCKER BEEF: Grain fed di-rect from Farmer EM 2-6206 eve: APPLES & WALNUTS 150 LR FED REEF HIND

## 10 LB. FANCY FRYERS \$79.95

15 LB. PORK SHOULDERS

Only \$3.85 per wk 6 mes. to pay IGLOO FOOD CO. Guaranteed quality Wainuts. EM 4-1127 & EM 2-4272

## Joe Lucas Orchard Heights Rd 1 YOUNG BEEF WHITEFACE HEIFER from EASTERN ORE. 150-200 lbs EZ TERMS

43c Lb. SATISFACTION GUARANTEED MAC'S MEATS & LOCKERS 810 N Liberty EM 4-7744 APPLES, Spitz, Delicious Worm free \$1, \$1.50 bu Windfall 50c 5795 Center, EM 2-7153 PASTEURIZED whole milk, 82c gal Homogenized 86c 15 gal 44c Cleary Dairy EM 2.5035
APPLES, different kinds & pears, Will deliver Paul Schaad, EM 4-1315.

Apples 75c-\$2.00 Cecil Boyd EM 2.6123. VALNUTS for sale, next Rd. to Ketter Sand & Gravel. 2nd house down. J. H. Baldwin. EM 4-1910.

100 Display Classified

Eave Troughs CLEANED & REPAIRED EM 3-4823

### 414 Poultry & Rabbits 450 Merchandise

EM 2-1573

KING Aifred Daffodil bulbs, 49c dog Also Tulips, Hyacinths & Crocus bulbs, Middlegrove Nursery, EM 4-4632

FOR SALE: Cheat seed, cleaned

\$50 ton. Britt Aspinwall, Rt. Box 31, Brooks, EM 2-2081.

FERTILIZER - MULCH

USHROOM manure, no weeds We del. anywhere Spec. price to farmers. EM 2-0331.

PEAT Moss from Chick trays 75c. sack. Valley Farm Store.

FERTILIZER several kinds by sack, yd or truck load \$10 del EM 4-0393 or EM 4-8592.

ROTTED manure by sack or cu yd always good measure & good quality Philips Bros. Rt 5 Box 880. EM 4-3081.

424 Farm Equipment

450 Merchandise

451 Household Goods

APPLIANCES

household of furniture

heater, portable

yr. costs new \$159

515 S. COML.

PH. EM 4-3319

ALNUT bedroom set—5 pieces. \$69.95. Used Mdse. Mart. 270 S. Liberty. EM 4-6371. Open Fri. nights til 9.

NEW Overnite Sleeper Sofas w. mattress \$179.50 c & c \$161.55. Glen Woodry 1605 N Summer.

choice-u-haul

422 Fertilizer

420 Seeds & Plants

Heavy Hens, \$1 Each 451 Household Goods CAPON FRYERS

ALMOST new hospital bed & mattress. \$69.93. Used Mdsc. Mart. 270 S. Liberty. EM 4-6371. Open Fri. nights til 9. UNIVERSAL Wringer Washer, wood circulator & other furni-ture. EM 3-3478.

TIRDAY & SATURDAY SPE-CIAL! 9 x 12 Chenille rugs made in Belgium Reg. price \$49.50 only \$29.30. Bradley Furn. 1978 N. Capitol. PFITZER & Tam Junipers, Buy 2 plants & get 1 free; Special this week end only. Middle-grove Nursery, 4920 Silverton Rd. NEW 4 pc. Daveno Set, \$199.30 Daveno, club chair, club rock-er. Ottoman c & c \$224.55. Terms. Gien Woodry 1608 N. FOP quality plants for less at Middle Grove Nursery, 4920 Silv Ra We Give S&H Green Stamps.

TEW Lg. 4 pc. 90' sectional, \$249.50 c&c \$224.55 Terms. Glen Woodry 1805 N. Summer. you have one sem of a house of furniture to self call the Used Merchandise Mart 220 S Liberty, EM | 6371 EW garbage cans. \$4.95, Used Mdse. Mart. 270 S. Liberty. EM 4-6371. Open Fri. nights til 9.

452 Appliances WESTINGHOUSE dryer. 525 Hawthorne Ave. EM 4-7001 MUST sell Maytag wringer washer & elec. range, both in good cend. EM 3-4433.

2-2491 T-35, INT. crawler, hydr. blade, good cond. \$995. EM 4-6026.

REPOSSESSED dryer, 1957 model, new guarantee. \$5 down at "Your Down Town" Firestone Store. 395 N. Liberty. EM GOOD used innerspring mat-tresses from \$12.95. Used Mdse. Mart. 270 S. Liberty. EM 4-6371. Open Fri. nights til 9. Store. 2-2491.

EVERYONE SAYS: Glen Wood-ry's furniture prices are the lowest in Oregon. New round extension 5 pc. Maple Dining sets c & c \$115.05. 1605 N. REPOSSESSED automatic wash-ANTIQUE furniture: Rosewood chairs, sm. blk, walnut tables, Misc. china. EM 2-8002 for app't, Sun, or eves er. New guarantee. Assume low balance. "Your Down Town" Firestone Store. 395 N. Liberty. EM 2-2401. WOOD circ. lrg. size Montag \$20 EM 4-8042.

# BROWN squirrel cape, long, ex.

456 TV. & Radio NOW available all models of Philoo's 1958 T.V. at "Your Down Town" Firestone Store. 395 N. Liberty. EM 2-2491.

FURNITURE AND Guar TV & radio & Hi-Fi re-r. 90 day written guar. 24 serv. Hrs. 9 s.m. to 11 Open 7 days week inc.

1425 FAIRGROUNDS RD 458 Musical Instruments PIANO BARGAINS. Kimball \$133: Decker \$75: Baumeister \$145: Kohler & Campbell \$250, EZ terms. Tallman Piano Warehouse. 395 S. 12th, nr. SP Depot. open Mon., Fri. eves. SMALL Grand, good con Dodge Piano Service.

SPINET PIANO BUY! Beaut, mahog. finish, \$15 mo. will handle. Tallman Piano Ware-house, 305 S. 12th, nr S.P. De-pot, open Mon., Fri. eves.

used office tables \$12.50; used swivel chair \$10.00; used side chairs \$4.50; 1 typewriter \$34.50 LEEPER'S OFFICE NO ONE competes! New 2 pc.
Maple Daveno Sets \$99.50 cash
& carry \$39.55. Also terms
Glen Woodry 1605 N. Summer. 265 N. High St. EM 3-1444

## 425 Auction Sales 425 Auction Sales **BIG COMMUNITY AUCTION** SCOTTY'S AUCTION HOUSE

4840 CENTER ST., SALEM ON SAT., NOV. 9, 10:00 A.M. & 7:00 P.M.

We are selling out several homes of very high grade household furnishings. With no reserves. Be here & get in on these Bargains.

Special—to be sold at 12 noon about 30,000 ft. of used lumber in groups.

FREE DRAWING FOR MERCHANDISE GIFTS. TUES NITE. & SAT. NITE. Everybody Welcome

> AUCTIONEER COL. ERNEST E. SCOTT

1937 22 CU FT unright freezer. Was \$599.93, NOW ONLY \$378 at "Your Down Town" Fire-stone Store. 395 N. Liberty. EM 2-2491. WILL give away to needy fam-ily a used wringer washer. "Your Down Town" Firestone Store. 395 N. Liberty. EM

GE wringer washer, excellent condition. EM 4-4211. GOOD easy spin washing mach. \$40, 1210 S. 20th, EM 2-9826.

455 Clothing NEW 6 pc. Daveno Group \$139.50 Daveno w. chair 2 tables, 2 lamps. Glen Woodry 1605 N. Summer.

SAVE! New Modern Mr. & Mrs. Bedroom sets, tilting mir-ror, book case bed c&c \$89.65. Glen Woodry 1605 N. Summer. SPARKS Oil heaters. Durham's Used Furniture, Independence, Ore.

NO ONE competes on Dinettes, chrome, wr. Iron, Brown tone, Glen Woodry 1605 N. Summer, 17" TABLE mod. TV \$50. EM

\$30 dn, will buy a complete DOUBLE dresser base, book. Serv. Call \$2 Min. case, headboard, 3 drawer

We also repair tape recorders and mike. We also have a motto "If we can't fix it. It can't be fixed."

THERMADORE 3,000 watt \$39.95 BEAUTYREST mattress & box spring used less than I \$99 GOOD coil springs - your \$3 ea. DAVENPORT & club chair,

\$17.50
PIANO & Violin Lessons, beginners & advanced State accredited. Mrs. Rawlins. EM 3-6013. WOODRY LIGHT blue & white Renelli, la-dies' full bass accordian. Like new! Cost over 3400. Will sell 3300. TR 3-5413. Silverton after 5 p.m. 120 BASS Accordion, \$175. Excel. cond. 4195 N. River Rd.

USED SPINET ORGAN. Bargain for quick sale. Tallman Plano Warehouse, 395 S. 12th, nr. SP Depot. A Mile From High Prices. 460 Office Supplies

used 4 drawer letter file \$49.50 2 used office desks: 4 small used office tables \$12.50; 1 used swivel chair \$10.00; 10 used side chairs \$4.50; 1 used typewriter \$34.50 OPEN TONITE!

10 PER CENT Discount cashcarry, furniture — appliances—
Misc. Glen Woodry 1605 N.

# 400 Agriculture 400 Agriculture

Bargains.

Ook—1951 Gibson elec range, 1932-G.E. elec range, 1932 Bendix elec dryer. Easy spin Dry washer, 5 pc. Western living rin, suite with daveno & swing rocker, 3 chests drawers, type-writer, 2 green matching wool rugs, 3 lbx12 rugs, Spark Oll circulator, Ashley Thero, c. wood circulator, 3 4-pc bdrm, sets, (Walnut), 3 sets full size box apring & matts, 1935 Hoffman Easy Vision TV, 21" console Mahog, finish, Several large mirrors, 4-pc, Maple bdrm, set 30" Rollaway bed & matt, 8 yr baby crib & matt, Mahog, drop leat table, 2 swing rockers, floor & table lamps, step-end & coffee tables, children rockers, Hassocks, 2-pc, Rose seet set all foam, 5 pc, Wrought Iron dinette set, 2 dinette set Green daveno & chair, several Ironical Picture mirrors, misc, new tools, electooking kettles, fry pans, drop cords, garden tools, shrubs, spuds, apples, onions fruita & vegetables.

This is a big auction all day, be here & get the bargains

DAMAGED IN SHIPMENT, brand new 30" electric range with glass door, 8 speeds, electriming clock, Thermal Eye control, 55 down will handle. "Your Down Town" Firestone Store, 395 N. Liberty, EM 2-2491.

FOSTORIA: 8 aberbets, 8 gob-lets, Meadow Rose, EM 3-9571 NEW Modern Desks c&c \$23.85. Glen Woodry 1605 N. Summer. USED refrigerators, \$19.25 & up. MAPLE rocker with pillows. \$17.30. Used Mdsc. Mart. 270 S. Liberty. EM 4-6371. Open Fri. nights til 9.

SIZE 42 man's blue suit. like new. EM 3-5265.

WF RENT TV sets, \$10 per mo. Marr's, 2140 S Commercial EM 3-9201. & BETHRIFTY \$ BUY GOOD USED

2 PIECE sectional love seat EM 3-0444 OR EM 3-2123

\$15 ACCORDION, almost new. 15 price & less. Stone Piano Co. HOME for nice male 1 yr. old der. Good as watch dog & "Whirlpool" SPINET Piano & Organs, trade-ins on Hammonds. Clearance with children. EM 4-411?. \$99 ins on Hammonds Clearance sale priced, terms Stone Piane Co. \$29.95