

UF in Last Lap With 75 Pct. of Goal

Sheriff Recognizes One Skull

Farmer Not Grieved

MADISON, Wis. (AP)—Ed Gein, 51-year-old bachelor, appeared to show no remorse, a state criminologist said last night, after more than five hours of questioning in connection with the slaying of a widow and the finding of 10 human skulls in his farm home.

Charles Wilson, head of the Wisconsin State Crime Laboratory, said he could not detect any remorse, "just a sort of detachment."

Pontiac Varnish Resumes Work

Uses Machines Not Hit; Injured Man Reported 'Holding His Own'

The Pontiac Varnish Co. damaged by fire and explosion Monday night, is back in production today, but one of the blast victims is in critical condition.

H. K. Johnson, 44, of 97 Prall St., is "holding his own" at St. Joseph Mercy Hospital where he is suffering from third degree burns and shock.

The explosion claimed the lives of two of Johnson's co-workers and caused damage estimated between \$150,000 and \$200,000.

George K. Anderson, vice president, said today the building's basic beams are not damaged, and all loose brick has been removed to avoid accidents.

He said the plant is back in production using machinery not hit by the explosion. An investigation has disclosed that some of the mill machinery was only slightly damaged and can be repaired quickly, he added.

Police are still keeping a guard at the plant to keep curiosity seekers away. Last night the fire department made a run to the plant when the night watchman reported flames on the second floor, but no fire was found.

U.S. Missiles to Britain?

WASHINGTON (INS)—Pentagon sources said today it is possible that Britain will receive an initial supply of U. S. 1,500-mile missiles within a year.

Willing to Surrender Treasure to Rearm Statue

Imlay Boy Offers Bayonet for Union Hero

By DICK SAUNDERS

A 10-year-old Imlay City boy has gallantly offered to complete the rearming of Pontiac's Civil War hero, whose bayonetless rifle was returned to his waiting hands last week.

The Press reported in last Wednesday's paper that the gun stolen from the statue a few years ago had been found by Watford Township police officers.

It was returned to its rightful

owner in the park at N. Saginaw St. and Oakland Ave., minus the bayonet which had originally adorned its barrel.

Friday, a letter reached The Press from Ricky Bogart, son of Mr. and Mrs. Homer Bogart of

260 Belle River Ave., Imlay City. Ricky said he had read "that you needed a bayonet for your Civil War rifle."

He continued, "I have got one if you want it. If you want it send a card to me."

ANTIQUE WEAPON

Ricky turned out to have not only an authentic bayonet, but a U. S. Army issue, 1851 Harpers Ferry muzzle loader.

Ricky's father, a foundry worker at the Alma Manufacturing Co., gave him the bayonet several years ago so he'd have something that none of the other boys had. The gun went to Ricky's brother, Larry, 16.

Mr. Bogart explained that he had found the gun and bayonet in the loft of his father's barn in Imlay City about 35 years ago. He doesn't know how much around just as a family heirloom.

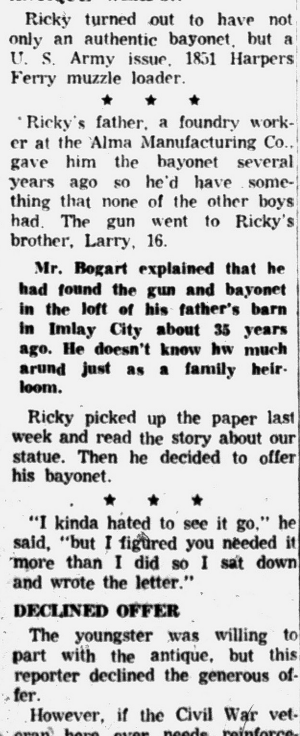
Ricky picked up the paper last week and read the story about our statue. Then he decided to offer his bayonet.

"I kinda hated to see it go," he said, "but I figured you needed it more than I did so I sat down and wrote the letter."

DECLINED OFFER

The youngster was willing to part with the antique, but this reporter declined the generous offer.

However, if the Civil War veteran here ever needs reinforcements, there's a boy in Imlay City ready to come to the rescue with a bayonet to fit his long-wandering rifle.



OFFERS PRIZED POSSESSION — Ten-year-old Ricky Bogart, of Imlay City, has offered the ancient bayonet shown here to Pontiac's Civil War hero, whose wandering rifle was returned recently, without its bayonet.

Union Officials Seek \$2 Million to Defend Hoffa

Not to Be Reimbursed From Teamster Funds; Trial to Start Friday

CHICAGO (AP)—The Tribune said today that a legal defense fund which may reach two million dollars is being raised by officials of the International Brotherhood of Teamsters for the use of James R. Hoffa, the union's president-elect and other teamster officials.

The Tribune said this was disclosed by Harold J. Gibbons of St. Louis, a Teamster international vice president.

Trial of Hoffa on a wiretap charge will start Friday. Federal Judge Frederick Van Pelt in New York set the date Tuesday, declaring he saw no reason for further delay. Hoffa also is under indictment on a perjury charge.

Hoffa is charged with conspiring to tap illegally the telephones in the Teamsters Union Detroit office so conversations of underlings could be heard.

Gibbons, who was not immediately available to confirm the Tribune story, was quoted as saying he hoped to receive \$1,000 contributions from 2,000 union officers in 800 Teamster locals throughout the country and in Canada.

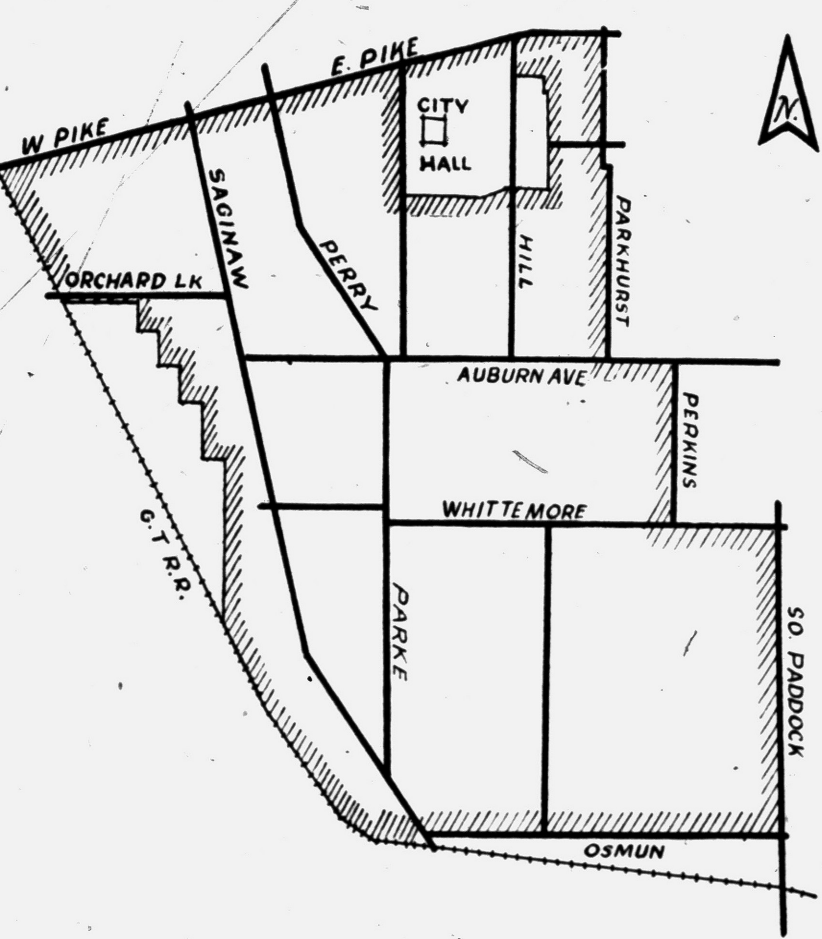
"This money could be used by Hoffa and any other Teamster who finds himself in trouble with the federal government and the Senate investigating committee," the Tribune quoted Gibbons.

"We decided to set up this little pool because all of us are being investigated and none of us has enough money to finance a legal defense."

He said the defense fund would be raised through promissory notes for \$1,000 and a \$40 interest payment that would be "made available" to all Teamster officers. The notes, to be paid at the rate of \$44 a month for two years, are made payable to a St. Louis trust headed by Gibbons and six other

(Continued on Page 2, Col. 3)

Initial Urban Renewal Area



This is the area selected by Pontiac's planning consultants as the initial site to undergo a \$4,030,372 rehabilitation program. The city last week made application to the federal government for a grant of \$1,705,346, the government's participation in the program.

From this sum the city hopes to get \$98,000 so that continued surveys and plans be made to continue the program. Officials have stressed that all structures in this area — termed central business district fringe number one — will not necessarily be torn down.

They also say that it will be several years before actual physical work commences.

The city's first urban renewal program was drafted by the firm of Geer Associates of Birmingham. David S. Geer said the 15-acre parcel was chosen because of its proposed use as a civic center, potential increase of more off-street parking, deterioration of homes, and the fact that it must be 55 per cent residential to qualify for federal aid.

Topple Car Trailers on Mackinac Bridge

Winds Whip Across Michigan, Kill Man

By THE ASSOCIATED PRESS

High winds whipped across Michigan Tuesday killing at least one person, toppling car trailers on the Straits of Mackinac Bridge and blanketing points in Upper Michigan with up to 12 inches of snow.

Henry Kortman of Grand Rapids was killed when a tree blew down on him as he operated a bulldozer on a farm south of Allendale.

Winds up to 80 m.p.h. were recorded at the Mackinac Bridge at the peak of the storm. Two light trailers were tipped over but no one was injured.

Muskegon reported gusts of 60 m.p.h. Lake vessels were kept in harbors because of high winds sweeping Lake Michigan.

Iron Mountain reported a foot of snow. The eastern part of the

Upper Peninsula was due to get more snow today.

Boats were sheltered in the St. Mary's River at Sault Ste. Marie as 50 m.p.h. winds hit the area.

Donald Mark, meteorologist at Muskegon, reported 60 m.p.h. wind gusts there but said the full velocity wasn't recorded because some of the weather station's wind-measuring instruments were blown away.

Despite the trailer mishaps the several plate glass windows.

The high winds hit the state at 2:30 p.m. Tuesday. The Weather Bureau said continued high winds were expected to diminish in most areas by tonight.

Winds measured at 30-35 m.p.h. struck the Detroit area, knocking down utility wires and smashing

(Continued on Page 2, Col. 7)

6 Days to Make Push to Achieve \$612,000 Total

\$463,454 Collected in One-for-All Campaign to Aid 55 Services

With only six days to go, the Pontiac Area United Fund has reached 75 per cent of its \$612,000 goal.

Dr. Dana Whitmer, campaign chairman, said today that \$463,454 has been pledged or collected. He urged the volunteer workers to "dig and dig deep to collect the remaining 25 per cent" by next Tuesday's final report and award luncheon.

The Industrial Division leaped to the fore among the campaign groups when an additional \$32,000 was turned in today by employees of the 10 Pontiac Manufacturers Assn. plants.

George Watson, division head, said his team has now taken in \$1.7 per cent of its \$404,273 quota.

Other divisions are not faring as well. The Commercial Division, headed by Carroll Osmon, has the next best record with 61.7 per cent of its quota in. The division has recorded \$101,413 out of a \$164,280 goal, Osmon stated.

He called an emergency meeting for noon today at which his division leaders will report their progress directly to Dr. Whitmer.

HOME CAMPAIGN LAGS

The Geographic Division, which does the door-to-door solicitations, is straggling with 64.4 per cent of its \$21,548 quota in to date.

Major trouble, according to Mrs. George Eldred, division chairman, is in Watford Township where poor weather and Asiatic flu have cut results to only 31.1 per cent of its \$6,820 quota.

The Pontiac area reports 52 per cent of its \$14,728 quota is in.

Mrs. Ralph T. Norvell with 18 district captains is conducting the Pontiac geographic drive, and Mrs. Donald White is Watford co-

(Continued on Page 2, Col. 7)

Carl Renda Suit Opens in Detroit

Jury Picked Yesterday in \$4.5 Million Case Against UAW, Police

DETROIT (INS)—Carl Renda's \$4.5 million damage suit against the United Auto Workers Union, five Detroit policemen and a Michigan state trooper opened officially in Wayne County Circuit Court today.

Selection of a jury was finally completed yesterday before visiting Circuit Judge Edward T. Kane of Port Huron.

The suit is an outgrowth of the 1948 shooting of UAW President Walter Reuther.

Testimony about the relatives of Carl Renda has been barred. Renda is asking damages for malicious persecution.

Judge Kane ruled yesterday against evidence showing Renda to be the son-in-law of Santo Perrone, a Detroit bootlegger figure.

Defense Atty. Joseph W. Louisell argued that Renda's marriage to Perrone's daughter had no part in the lawsuit.

Renda was once charged with the 1948 shotgun shooting which nearly took the life of Reuther, president of the UAW. Donald Ritchie, of Windsor, Ont., later said he had been paid \$5,000 by the UAW to implicate Renda falsely.

The Reuther shooting is still unsolved. Efforts to extradite Ritchie from Canada for questioning proved unsuccessful.

DETROIT (INS)—The Detroit Health Department reported today complications of influenza have contributed to the death of the city's 36th victim since the flu outbreak in September.

Tigers, Athletics Swap 13 Men

DETROIT (INS)—The Detroit Tigers and Kansas City Athletics today completed a 13-player trade, one of the biggest swaps in the history of the major leagues.

The Tigers sent outfielders Billy Tuttle and Jim Small, pitchers John Tsitouris and Duke Maas, catcher Frank House, and two minor league players to be named later to the A's.

In return, they got infielder Billy Martin, Catcher Tim Thompson, pitchers Mickey McDermott and Tom Morgan, and outfielders Gus Zernial and Lou Skizas.

Six American League teams reportedly have been bidding for the services of Martin, the aggressive 29-year-old infielder who played five seasons with the New York Yankees before he was traded to the A's last June after the "Copa incident." He hit .252 last season and connected for 10

home runs.

Martin reportedly will be used at shortstop and Harvey Kuenn will be moved to first base or right field.

The seasoned Zernial, with 225 homers in his lifetime, including 27 last year, is expected to play left field with Charley Maxwell shifting to another garden or possibly first base.

Morgan, 27, another former Yankee, probably will be used as a relief pitcher—a Detroit weakness this year when the team finished fourth.

Thompson, 34, hit only .205 last season but caught the eye of Detroit brass when he hit three home

Snow Flurries Due, With Continued Cold

Mostly cloudy and cold tonight and tomorrow, with scattered snow flurries is the forecast for the Pontiac area by the U. S. Weather Bureau.

The low tonight will be near 30, and Thursday's high will reach around 36-40. Precipitation will total around one-half inch, with snow flurries tonight and Thursday and rain about Saturday night and Sunday.

The lowest temperature preceding 8 a.m. in downtown Pontiac was 32 degrees. The thermometer registered 38 degrees at 1 p.m.

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Pennsylvania Campaign Attracting Industries

(Eight in a series of articles on taxes and industry.)
by BOB HOLTON

HARRISBURG, Pa. (AP)—Pennsylvania's secretary of commerce, William R. Davlin, says the commonwealth's continuous campaign to attract new industry has brought much success in the past 12 months.

Davlin added:
"We look for industry from out of Pennsylvania to come in at even a greater rate in the future."

CITES FACTORS

Davlin cites three main factors for the increase:

1. The creation in 1956 of the Pennsylvania Industrial Development Authority with the right to lend up to five million dollars to community groups seeking tenants for industrial plants.

2. A better tax climate for manufacturers and utilities.

3. Professional personnel in the State Commerce Department capable of "charting a course of selling Pennsylvania and then following the course to success."

HAVE EVERYTHING

"We have everything a new industry could want in great quantities and we're not being bashful about letting the world know about it," Davlin said.

A total of 383 million dollars was spent in industrial expansion in Pennsylvania last year as compared with 265 million in 1955.

During the last year 491 new or expanded industrial plants sprang up to provide a job potential far up in the thousands.

AID FIRMS

The Industrial Development Authority already has aided local community organizations with loans totaling \$4,162,000 for constructing manufacturing plants to entice new industry.

The state chamber of commerce, an industry organization, says much of the success springs from "an overall revenue system which should be more attractive, not only to corporate management, but to all employees."

Backbone of this contention was elimination, effective Jan. 1, 1958, of the five-mill capital stock tax on Pennsylvania manufacturers. This was done by the last session of the general assembly.

REFUSE TO AGREE

Labor leaders refuse to agree that the tax climate in Pennsylvania played a major part in new industry locating in Pennsylvania.

Labor leaders refuse to agree that the tax climate in Pennsylvania played a major part in new industry locating in Pennsylvania.

Harry Boyer, president of the state CIO, said he doubts if repeal of the capital stock tax ever played any part in the relocation of industry in Pennsylvania.

Instead, he and Joseph A. McDonough, president of the Pennsylvania Federation of Labor, credit much of the success to "the largest skilled labor surplus of any state and the job the state commerce department has been doing in selling Pennsylvania."

Though there might be some disagreement on how Pennsylvania did it, there is nothing but accord among all circles on the fact that the state did expand its industrial muscles to such a great degree recently.

"Industrial development has increased in Pennsylvania in the last year by about 30 per cent over the previous year," Davlin said.

He added that "the tax structure, particularly as regards this phase of government, was adopted largely on the recommendation of a tax study committee appointed by Democratic Gov. George M. Leader.

REPRESENTS ALL

"This group representing all walks of life and both political parties put aside politics and cooperated to advise on taxes that I feel helped the industrial situation in some way."

The commonwealth operates to a great extent on revenues gained from a three per cent retail sales and use tax — a b and b based levy.

The GOP contends this type tax, with considerable exemptions for industry, is the most pleasing for industry and the most equitable for all citizens.

Gov. Leader opposed the sales tax but let it become law with reluctance.

Gwilym A. Price, president of Westinghouse Electric Corp., agrees that Pennsylvania "faces a brighter future than it has experienced in the last decade as a result of the improving tax picture."

R. Warren Grigg, industrial development manager for the Pennsylvania Railroad, said:

"The solid obstacle to dynamic growth in this state's economy has been an industrial tax burden heavier than that of most neighboring states. Although further improvement is needed, the outlook for increasing success in bringing industries into Pennsylvania is brightened by initial changes which show a growing recognition of this problem and represent a start in the right direction."

(Tomorrow—Illinois)

Seeking \$2 Million to Defend Hoffa

(Continued From Page One)

Teamster officials, the St. Louis vice president said.

Gibbons said Hoffa never was consulted in the preliminary discussions about setting up the fund after the union's convention in Miami last month. He declined to disclose the names of the trust officers who would approve disbursements from the fund to Hoffa and other Teamsters.

He added officers contributing to the fund will be required to use their own money and will not be permitted to accept reimbursement from their unions.

A federal court order in Washington has prevented Hoffa from assuming the union presidency. Hoffa, who has been criticized by Senate investigators because of his associations with hoodlums, also faces perjury and wiretapping charges in New York federal court.

To Be or Not to Be

WHITTIER, Calif. (INS) — A noted scientist predicted today that students now in college will live to see the day when men can make round trips to the moon.



MURDER FARM BEDROOM — This is the bedroom in the home of farmer Edward Gein, 51, who has admitted butchering Mrs. Bernice Worden, 58, in a summer kitchen on the farm. The rest of the Plainfield, Wis. home was about the same as this room.



DELEGATES CONFER — Two women among the delegates representing the United States at the U. N. are Irene Dunne (left) and Mrs. Oswald Lord, shown conferring during the disarmament discussion in the General Assembly yesterday. The Assembly voted to add 14 nations to the Disarmament Commission, making it a 25-nation body.



STILL SHOVELING — Nels Johnson of Duluth, Minn., celebrated his 100th birthday in sprightly fashion yesterday, by shoveling snow after the season's first storm passed. Johnson lists the secret of his long life as "hard work and going to bed early."



DIVORCE A HABIT — Mrs. Beverly Nina Avery, 48, got her 14th divorce and a bit of legal advice to go along with it from Los Angeles Judge Elmer Doyle, Tuesday. The judge approved a \$25 a week temporary alimony which her 38-year-old husband, Gabriel L. Avery, a parking lot attendant, agreed. But the judge said: "You are making a mockery out of marriage. My advice to you is not to get married again."

The Day in Birmingham

Real Estate Firms Ask Offices Closed Sunday

BIRMINGHAM — Commissioners have accepted the proposal of the Birmingham Real Estate Board to pass legislation closing these offices on Sundays. The matter has been turned over to the city's legal staff for the proper drafting of the ordinance.

Real estate brokers, who some months ago closed their offices on a voluntary basis, have asked a city ordinance to protect themselves from non-members who might take advantage of their inactivity on this day.

The closing on Sunday has received much favorable comment from the many churches in the area, as well as residents.

Legal advisors have been asked to prepare the ordinance as quickly as possible. State legislation has been asked by real estate men, with the Birmingham group seeking local action as a faster means of protecting their commercial interests.

Another program in the Birmingham Town Hall series is scheduled for tomorrow and Friday mornings at the Birmingham Theater. Mrs. Peter Marshall, widow of the former chaplain of the Senate, will be the featured speaker.

Mrs. Marshall is author of "A Man Called Peter," the book that has sold nearly two million copies and has been translated into many foreign languages.

In 1955 the book was made into a highly successful motion picture. Her other books include "Mr. Jones, Meet the Master," "The Prayers of Peter Marshall," and two juvenile volumes, "God Loves You," and "Friends with God."

A native of Tennessee and the daughter of a Presbyterian minister, Mrs. Marshall has devoted her time mainly to writing and speaking appearances since her husband's sudden death in 1949.

Town Hall officials are predicting that her appearance here will prove one of the biggest attractions they have ever scheduled.

The customary luncheons and informal chats will be held after both

programs, at the Birmingham Country Club.

The basement of the municipal building will be the future home of the water meter repair department. Commissioners had asked that a study be made to try and locate this division in some existing building to save the expense on constructing new quarters.

A meeting with the health department, which is being moved into the former police department quarters, revealed there would be room for the meter section in what had formerly been the detective bureau.

"We want to thank the health department staff for their splendid cooperation in this," Robert Kenning, assistant city manager, said.

No action has been taken on the request of the garbage and rubbish collections in Birmingham until further study of needs can be made. The GR Authority has cited the lack of separation of combustible and non-combustible materials, and made suggestions on how they should be handled.

City officials pointed out that a contract survey with the present collector should be made before action is taken. Grass clippings and wet leaves are the main nuisances. Separate collection costs are deemed too high to enter negotiations without more information.

Admitted Killer Stands Mute

Arraign Former Convict on Murder Charge in Grocer's Death

Edward Drew, 26-year-old confessed slayer of an elderly Commerce Township grocer, yesterday stood mute to a charge of first-degree murder at arraignment in Circuit Court.

Drew, an ex-convict released from Jackson Prison in July, was ordered by Circuit Judge Frank L. Doty to stand trial and returned to Oakland County Jail without benefit of bond.

Prosecutor Frederick C. Ziem said Drew may be tried in January.

Drew, a Commerce Township man who had served prison time for breaking and entering, has confessed shooting the grocer, Karl Kolm, 63, through the heart with a rifle Oct. 23 at Kolm's store, 1010 Oakley Park Rd., two miles north of Walled Lake.

Ziem said Drew still denies that the shooting occurred during an attempted holdup and that he clubbed Kolm's wife, Amanda, 64, on the head with the rifle as he escaped from the store.

Drew was arrested fleeing the area an hour later, but the rifle has never been found, Ziem said. Drew claimed he tossed it into a muddy canal about a half mile from Kolm's store.

Adjoining Areas Defeat Annexation to Holland

HOLLAND (AP) — The proposed annexation of parts of four adjoining townships to the city of Holland was defeated in an election yesterday.

The city voted in favor of the annexation which would have increased its area from three square miles to 42 square miles and doubled its population of 16,000.

But the areas to be annexed voted overwhelmingly against the proposal.

THAT'S ALL THERE IS There Isn't Any More! NEW 1957 MODELS

OLDS—3—CADILLACS

MAKE YOUR OWN DEAL
Jerome Olds-Cadillac
280 S. Saginaw Street Pontiac
OPEN 'TIL 9 P. M.

City Commission Accepts Resignation of Brewer

Pontiac city commissioners last night accepted "with regrets" the immediate resignation of Willis M. Brewer as one of the city's seven representatives on the Oakland County Board of Supervisors.

Brewer resigned to accept the newly created post of Oakland County Road Co-ordinator.

In a letter to the City Commission, Brewer informed the city he also intended to resign around Jan. 15 as chairman of the Board of Trustees of Pontiac General Hospital.

"There are a few matters we wish to take care of before re-

Chrysler, UAW Return to Strike Negotiations

DETROIT (AP)—Company and union negotiators resume talks today (10 a.m.) in an effort to end a two-day-old strike of 2,000 United Auto Worker employees at Chrysler Corp.'s Plymouth engine plant.

The strike began Monday when 2,000 employees walked off their job in protest over what UAW Local 51 said was a company speedup, health hazards and safety standards.

If prolonged, the strike threatens layoffs for nearly 5,000 Plymouth assembly line workers, 11,000 other workers in Detroit area Chrysler plants and possibly 12,000 workers in Plymouth assembly plants in Indiana, Delaware and California.



By E. H. SIMS

If you wish to build a home, or a camp, on the side of a hill, which side of the hill should you choose?

There are two main considerations in your choice. You should think about the sun and you should think about the prevailing wind. The best location is to build on the side which gets the winter sun and which also the prevailing fair weather wind.

It is true that both conditions cannot always be met. If they can, meet them, for you will enjoy fresh air and cool breezes in summer and winter sun and warmth in the winter—as far as possible. Moreover, if you are on the wrong side of the hill, as far as the prevailing wind is concerned, you will be troubled more with dust, insects, pollen, etc. Wind eddies form on the leeward side as the prevailing breeze passes the hilltop. The cleaner, straight-moving wind on the windward side is preferable.

The Weather

Full U. S. Weather Bureau Report
PONTIAC AND VICINITY — Mostly cloudy and cold today, tonight and tomorrow with scattered snow flurries. High today near 38. Low tonight 26-30. High tomorrow 36-40. Southwesterly winds at 15-25 miles an hour and gusty diminishing slowly tonight and tomorrow.

Today in Pontiac
Lowest temperature preceding 8 a.m. at 8 a.m. Wind Velocity 15 m.p.h. Direction Southwesterly
Sun sets Wednesday at 5:06 p.m.
Sun rises Thursday at 7:10 a.m.
Moon sets Wednesday at 4:34 p.m.
Moon rises Thursday at 7:20 a.m.

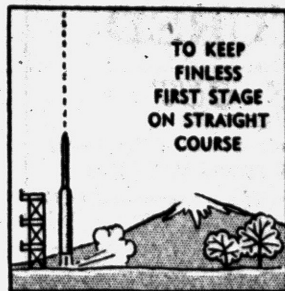
Downtown Temperatures
at 8 a.m. 32 at 11 a.m. 35
at 2 p.m. 32 at 5 p.m. 38
at 8 p.m. 34 at 11 p.m. 35

Tuesday in Pontiac
(as recorded downtown)
Highest temperature 36
Lowest temperature 26
Average temperature 30
Weather — Snow flurries

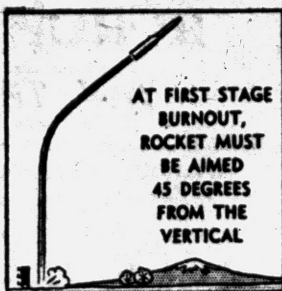
One Year Ago in Pontiac
Highest temperature 45
Lowest temperature 23
Average temperature 34
Weather — Rain 51 in.

Highest and Lowest Temperatures
This Date in 85 Years
70 in 1901 12 in 1880

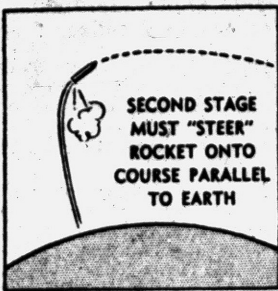
Tuesday's Temperature Chart	
Pontiac	32
Ann Arbor	34
Flint	30
Lansing	32
Marquette	30
Menominee	28
Milwaukee	34
Minneapolis	30
St. Louis	32
St. Paul	30
Chicago	32
Indianapolis	30
Cincinnati	30
Cleveland	30
Dayton	30
Des Moines	30
Omaha	30
Peoria	30
Phoenix	30
Portland	30
San Francisco	30
Seattle	30
St. Louis	30
St. Paul	30
Tracy, Calif.	30
Washington	30
Wichita	30
Yonkers	30
London	30



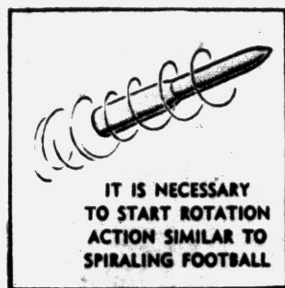
Motor in tail, activated by gyroscope, can tilt in several directions to correct course.



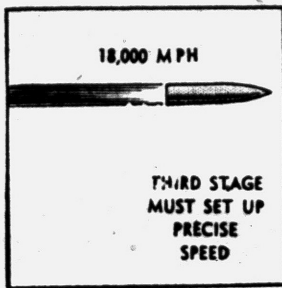
Push of earth's eastward rotation helps. Burnout height must be accurate.



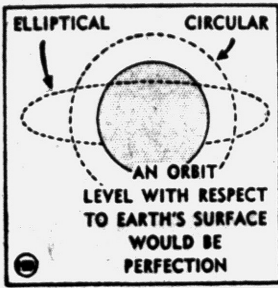
A coasting period could allow independent jet nozzles to function as steering device.



More auxiliary rockets could fire automatically to set up a desirable rotation speed of something like 200 revolutions per minute.



Speed must be calculated carefully to balance outward (centrifugal) force with pull of gravity. This varies with distance away from earth.



This would be difficult at present stage of knowledge. Even such things as shape of earth and magnetic field influence can throw orbit into elliptical shape.

ROCKET ORBITING PROBLEMS — Setting a rocket into an orbit such as those traveled by the Russian Sputniks is no easy task. U. S. scientists have encountered several problems on the Vanguard rocket project in attempting to plan its flight. Biggest problem in the project, thrust, revolves about the power of fuel used. Concern has been expressed by our scientists over the

fact that Russian fuels seem more powerful than ever. This may account for the fact that Sputniks are flamed and Vanguards are not. No official indication of how Vanguard scientists overcome other obstacles has been given. But the above sketches and suggestions below each of them offer theoretical solutions.

British Telescope Tracks Sputniks

Uses \$15 Radar Transmitter

By TOM A. CULLEN
JODRELL BANK, England (NEA) — The \$2,500,000 radio telescope at Jodrell Bank, which is the largest of its kind in the world, is using a \$15 ex-Army radar transmitter in tracking the Russian satellites in outer space.

"I bought the transmitter as Army surplus in 1945," Prof. Bernard Lovell, the radio-astronomer in charge of the giant telescope, told me. "I picked it up for only five guineas, which would be about \$15 in your money."

BRITISH MAKE-DO
Hitching a piece of scrap equipment to a million dollar precision instrument which would make a magnificent plaything for the gods is entirely in keeping with the British "make-do" tradition in science.

In fact, the machinery which tilts the 800-ton reflecting dish of the telescope was salvaged from the scrapped British battleships HMS Royal Sovereign and Revenge.

I had no sooner recovered from the shock of the \$15 radar transmitter, however, than Lovell sprang his second surprise.

SET WORK BACK
"Of course, the satellites have completely wrecked my priority research program," he remarked quite casually. "They have set my work back months."

I had expected to find a scientist hollow-eyed from lack of sleep, but I was told the initial success of his telescope brainchild.

Instead, I found a mild-mannered man of 44 who looked remarkably fit (Lovell captains his local village cricket team), but who was anything but happy—a reluctant "boffin," if ever there was one.

"This telescope," he informed me, waving towards the window where the giant was on full view, "wasn't designed primarily to track earth satellites. That was only a minor part of its job, which is to explore the limits of the universe."

EXPLORE UNIVERSE
"But now," he shrugged his shoulders resignedly, "we've had to switch over to satellite-track-

ing in order to satisfy public curiosity."

Prof. Lovell is the world's first professor of radio-astronomy. Manchester University having created a special chair for him in 1951.

The radio-telescope was switched on for the first time last Aug. 2 and was still being broken in when Sputnik I burst upon the scene. Immediately the British public clamored for the telescope to be used in tracking the satellite. Lovell was faced with a dramatic decision.

Satellite-tracking is not part of the telescope's normal job. Normally it acts only as a receiver, picking up radio waves from outer space with its aerial, which sticks out of the center of the reflecting dish like a stamen from the heart of a flower.

When the aerial is pointed to a star, the radio waves emitted by the star are collected on the metal surface of the reflecting dish and focused onto the aerial. The telescope can operate at any wave length from 10 meters to the important 21 centimeter waveband, which is the signature tune of interstellar gas.

But the telescope can also act as a transmitter, and as such, becomes the biggest steerable radar set in the world. It is as a transmitter using radio echo equipment that the telescope tracks satellites, being able to pick up an object the size of an aircraft as far away as the moon.

RAN RISK
In consenting to switch over to satellite tracking, Lovell ran the risk of damaging the instrument, which had not been fully broken in.

The radio-telescope picked up Sputnik I for the first time on Oct. 12 at 10:54 p.m., an event which was hailed with mild "Eureka's" from the thick-sweated scientists who clustered around the radar recording machine drinking cocoa.

Not until early December will the Jodrell Bank telescope come fully into its own. It will then be the world's most accurate in-

strument for supplying information in which the scientists are keenly interested: the behavior of the satellites as they enter the earth's atmosphere.

No one knows what will happen to Sputniks I and II in their death throes. Ionisation will probably occur when the satellites fall to a height of 60 to 100 miles. They may then circle the earth several times, followed by an ion trail, or they may come down reasonably intact.

Lovell thinks there is a good chance they will come down reasonably intact.

Rustlers Create Holiday Hazard at Turkey Farm

KALAMAZOO — This is the time of year that Derby Russell has trouble with people seeking free Thanksgiving dinners.

Russell owns a 1,000-bird turkey farm near here. He estimates "turkey rustlers" cost him \$500 last year.

But this fall Russell has hired a guard to patrol the highway area near his turkey trot.

"Disease and rustling are the main hazards in the turkey business," said Russell.

He recommends antibiotics for disease and buckshot for rustlers.

Raps Secrecy About Sputniks

Prober Says Air Force Knew of Moon Plans Months Ahead of Time

NEW ORLEANS (AP)—The top congressional investigator of government secrecy said today the Air Force got information of Russian satellite launching plans months ahead of time but "the American people were never forewarned."

Rep. Moss (D-Calif.) also said Robert Cutler, President Eisenhower's adviser on national security affairs, imposed a "blueprint of secrecy" on America's "missile-satellite deficiencies until Sputnik sailed across the skies."

Moss, chairman of a House subcommittee which rides herd on federal information practices, referred at one point to what he called "public-be-damned information policies" and said they must be eliminated.

Moss' views were sharply challenged by the Pentagon's information chief, Asst. Secretary of Defense Murray Snyder, who said the congressman "apparently subscribes to the myth that, for some reason, your defense officials spend all their spare time knitting paper curtains of secrecy around the facts of our military activities."

Both Moss and Snyder made their comments in speeches prepared for the annual convention of the Associated Press Managing Editors Assn., which continues through Saturday.

For two days this week, Snyder was a witness before the Moss subcommittee at Washington hearings in its continuing study of government information practices.

Moss said the fight for the public's right to know must be unrelenting, as new threats arise continually. He appealed to the editors to help lift what he termed "the smug smog of secrecy."

Snyder, sharply critical of Moss, said that he found it "difficult, and so did newsmen covering the hearings of his committee this week, to reconcile freedom of information objectives of this committee with Mr. Moss' refusal to permit" the Pentagon general counsel to "refute an unsubstantiated indication."

After Visit to Moscow

Economic, Technical Aid Russia's Pledge to Egypt

MOSCOW (AP)—Egypt's war minister, Maj. Gen. Abdel Hakim Amer, today is carrying home a new Soviet agreement pledging economic and technical assistance to President Nasser's government. Premier Bulganin announced the aid pledge at a Kremlin banquet last night honoring Amer, who has been conferring with Soviet leaders and visiting military installations.

Bulganin gave no details of what Russia will supply Egypt, saying only:

"In response to the desires of the Egyptian government and President Nasser, the Soviet government has expressed its readiness to render Egypt economic and technical assistance in the development of her national economy."

It appeared likely that a Soviet mission would be sent to Cairo to work out details with the Nasser regime. This was the procedure followed after Syria's defense minister visited Moscow last August and obtained an aid pledge.

Presumably the Russians will

give the Egyptians low-cost loans for development projects and will supply technical advisers. This is the aid that has been announced for Syria. Egypt already is trading a large part of her cotton crop—her major export—for Communist-bloc arms.

Communist party chief Nikita Khrushchev stood by smiling as Bulganin announced the aid promise.

Bulganin declared that imperialists "continue to exert pressure upon the Arab countries and attempt to inflict the yoke of a new colonial slavery under the guise of the Baghdad Pact, the Eisenhower Doctrine and by other dishonest means."

But Russia's "contributions are selfless, based on the mutual interests of our two countries and on preserving peace and stability in the Middle East," Bulganin declared.

The Premier said the Soviet government regards its friendship with Egypt as inviolable and considers Nasser the outstanding political figure in the Arab East.

Physicists Visiting American Colleges

NEW YORK (AP)—Hoping to stimulate a greater interest in physics, a group of top-flight physicists plans to visit 100 American colleges and universities by next June.

Each physicist, in a program sponsored by the American Institute of Physics, will spend about three days on a campus and will visit one or more colleges.

At the same time, 60 high schools will be visited by scientists in the next several months in a parallel project.

The program has as one objective an improvement in the teaching of science on both education levels. The National Science Foundation and the Ford Foundation's Fund for the Advancement of Education are footing the bill.

"We are attacking the problem at the school and college level in order to develop an informed citizenry who will appreciate the role of science in a technological society," said Dr. Elmer Hutchisson, director of the institute.

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It may take longer than that before we can talk, but the mutual interest in avoiding war will move the Communists."

Stassen said he still feels that disarmament talks with the Soviet Union can succeed.

Michigan State University has many firsts; first agricultural college, first land-grant college, had first horticultural laboratory, first short course in dairying, first hybridization of corn began at Michigan State College, first building in American for teaching scientific agriculture.

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Junior Editors Quiz on
INDIANS

QUESTION: Why did Indians paint their faces?

ANSWER: Face painting is something that some Indians still do on ceremonial occasions. And they're not the only ones. Primitive people all over the world paint their faces and their bodies, for a variety of reasons. A chief reason doubtless is that, lacking a lot of clothes, they use paint for fun, just as you like to wear a good looking suit, or fix up your hair. Another is that paint for them often has religious or other significance. A single Indian would paint his face in different ways on various occasions. Certain styles or manners of painting would be adopted by certain tribes or groups of tribes, so that paints sometimes helped with identifications. Your own remote ancestors may well have painted themselves. Remember, the ancient Britons stained their bodies when the Romans first saw them.

FOR YOU TO DO: This Indian chief, about to paint his face while using a pool as a mirror, makes a fine coloring subject. You can color not only his face but his fancy beadwork and headdress. After that paste the picture down, if you like, on cardboard, cut along the outer border, and stand it up by folding as indicated.

(Your suggestion may be worth \$10 if you mail it on a postcard to Mrs. Higgins in care of this paper. Today's idea was submitted by Sandy Lee, Orinda, Calif.)

TOMORROW: Was there a real Johnny Appleseed?

Pravda Boasts of Red Potential

Asks Boost in Production

MOSCOW (AP)—Pravda called today for large increases in basic industrial production within the next 15 years, the period in which Nikita Khrushchev claims Russia will overtake present U.S. output.

The Communist party newspaper asked for a three-fold increase in Soviet iron ore production to an output of 250 to 330 tons annually. Russian production in 1955 was about 79 million tons, and U.S. production about 116 million tons.

Pravda claimed that current Soviet reserves of unmined iron ore are 35 billion tons, which it said was 40 per cent of world reserves.

'Agent's Life Is Never His Own'

Spies' French Holiday Cut Short

(This is the 10th of 12 articles in which confessed Soviet spy Jack Soble tells the innermost secrets of an espionage ring in the U.S. of which he was a leader for 15 years.)

By JACK SOBLE
(Written with Jack Lotte)

A Soviet agent is like a wooden-headed puppet.

His every move is controlled by his hidden masters. He is not permitted to think for himself. His life is never his own—and woe to him who forgets this basic Communist principle. Vacation is a dirty capitalistic word.

For momentarily forgetting these ABC's of Communist philosophy, I was brought sharply to task one day in August 1950 by my Soviet superior. My mistake was in thinking I could take some time off from the espionage duties to which I had been assigned to supervise.

PAIR WORKED HARD

Jane and George Zlatovskis, two of my best agents, had been working hard, drinking hard, fraternizing with Americans in sensitive posts while siphoning off secrets.

When my wife, Myra, arrived in Paris, from the United States with our son, Larry, 10, to join me, I thought it would be a good idea for all of us to relax and take a month's vacation.

Accordingly, together with the Zlatovskis, we rented a small house in a village near Deauville, France. We were there about a week when I received a telephone call from Hollywood producer Boris Morros, who at the time was my courier, and unknown to me, a counterparty for the FBI.

MORROS REAPPEARS

Morros, with whom I had left my address, told me he was vacationing in Bad Gastein, Austria. He described it in glowing terms, said it was much cheaper and better than our resort town and persuaded us to come there.

When we arrived in Bad Gastein, we discovered Morros had left for Vienna. Our bags were still unpacked when Morros excitedly telephoned:

"They know you are here, and you are instructed to go to Vienna at once."

Morros told me that I was to meet "a friend" in a restaurant in an amusement park. Myra, Larry and I left the Zlatovskis in Bad Gastein and sat at a table at the rendezvous point.

Leonid Dmitrievich Petrov, deputy chief of the foreign section of the Soviet Secret Police, came to our table and joined us. He was in an angry mood and made it plain he wanted to talk to me and Myra alone.

When I tried to get my boy to take a walk, he bridled, like all youngsters do occasionally, and made some petulant remark. Petrov was beside himself with

rage. He turned on us with fire in his eyes, declaring:

"It is quite evident that your son has not received the proper youth training. In the Soviet Union we know how to train youth. Perhaps he should be given into our care so that he develops a proper attitude."

The vehemence of his attack frightened Larry so that he left us. When we were alone, Petrov turned to the subject that brought him from Moscow.

"Who has given you permission," he demanded, "to take a vacation?"

"What right do you have to take a vacation when there is so much to do? You must work for the motherland."

He would listen to no explanation, told me that they expected to get much more information from the activities of Jane and George.

Mumps Run Higher
Currently in County

Mumps continued last week to be the communicable disease with the highest number of cases in the city and county, according to Dr. John D. Monroe, county health director.

There were 18 cases of mumps reported in the county and three in the city. The following is a complete breakdown of other communicable diseases reported to city and county health departments last week.

Pontiac	Past Week	Prev. Week
Chicken pox	1	2
Measles	0	1
Scarlet fever	1	0
Mumps	3	10
Hepatitis	1	1
Pink eye	0	1
Oakland County	Past Week	Prev. Week
Chicken pox	8	27
Measles	0	15
Pneumonia	0	1
Scarlet fever	0	3
Tuberculosis	0	4
Whooping cough	0	2
Mumps	18	14
Diphtheria	1	0
German measles	2	0
Influenza	2	0
Salmonella	1	0
Rheumatic fever	2	1
Impetigo	0	1

and that it was "essential to take care of the Yugoslavian project without further delay."

Petrov dismissed us with a warning that any further dereliction of duty on our part would be met with severe party punishment.

I began immediately making arrangements for George to go to Yugoslavia to report on conditions there, particularly on how Americans were being received and treated in Belgrade.

We printed up some stationery using the name of a bristle manufacturer and I typed a letter introducing George as a bristle salesman.

He reported on living and economic conditions in Yugoslavia together with the attitude of the people. In substance, it added up to news the Kremlin wouldn't like—that the Yugoslav people were strongly behind Marshal Tito—who had broken with Moscow.

George also listed the names of some girls he had met in Belgrade and had lined up as possible agents.

(Next: Soble's fateful mistake.)
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Army Generals Charged
in Wild Goose Hunt

BALTIMORE (AP)—Two U.S. Army generals have been charged with illegally hunting wild geese over a baited area of Maryland's Eastern Shore. They were among 15 persons so charged.

Those named were Maj. Gen. Rinaldo Van Brunt, 56, chief of staff of the 2nd Army at Ft. Meade, Md., and Lt. Gen. Edward

T. Williams, 54, deputy commanding general, Continental Army Command, at Ft. Monroe, Va.

Alimony for Woman
Suing for 14th Divorce

LOS ANGELES (AP)—Superior Judge Elmer Doyle said he was hesitant to grant Mrs. Beverly Nina Avery temporary alimony, pending her 14th divorce. Mrs. Avery, 48, began crying.

Test flights from London to Sydneyham Airport, Belfast, have been successful, indicating that Sydenham will replace Nutt's Corner as Northern Ireland's chief airport.

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IS WHY
They're your
FRESHEST BUY

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For there's where the B-12000 engine teams up with a Flight Pitch Dynaflo* that switches its pitch a million ways. Which means perfect performance ratio for the need at hand—perfect nimbleness and instant obedience like never before.

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Why—when you can be piloting a B-58 Buick born of more aviation principles than any other car?

See your quality Buick dealer. He's a regular bureau of information on the subject. You'll like what he tells you—and like even better what he demonstrates for you.

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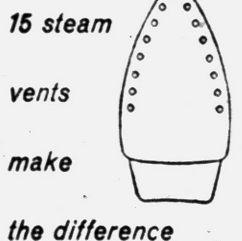
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Makes 2 to 10 cups of richer-tasting coffee . . . keeps it hot for hours

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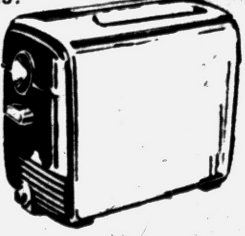


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Gay breakfast companion in Lemon Yellow, Frosting Pink, Mint Aqua, Sugar White, Classic Chrome.



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SEE YOUR FAVORITE DEALER NOW!

Company Prices of '58 Cars Up

Suggested Lists Show 3.4 Per Cent Boost Over Last Year

By DAVID J. WILKIE
AP Automotive Editor

DETROIT (AP)—Factory-suggested list prices for 1958 automobiles are up roughly an average of 3.4 per cent over 1957 list prices. This is about one-half the increase announced a year ago.

In dollars and cents most factory-announced increases range from \$35 to as much as \$225. It could be argued that some advances were smaller and some higher.

EXCLUDE U. S. EXCISE

The prices announced by the car makers are the "suggested" list prices. They are not binding on the retailers. They do not include federal excise, state and local taxes, extra-cost accessories, preparation charges, dealer preparation and dealer handling charges.

A car in the lower-price bracket could have a factory-suggested tag of \$2,300 and cost the retail buyer \$3,100.

The suggested list price is the wholesale cost and the retailer's markup of up to 25 per cent. The markup is said by some makers to be of a size to permit the retailer to vary the delivered cost to meet price competition.

BUYER CAN'T KNOW

All this—taxes, optional, extra-cost equipment and competitive price discounting—means the intending car buyer hardly can figure what his delivered cost will be from the factory-announced price. Financing charges are another substantial item not included in the suggested price.

Should new car sales lag with a heavy accumulation of dealer inventories it is quite probable none of the increase announced at the factory will be passed on to the buyer. But he cannot escape the taxes or financing charges.

And further to confuse the buyer trying to determine his delivered cost is the fact some factory figures include adjustments for extra equipment. Some of these extras have been made standard for 1957. In some instances items standard in 1957 models are optional at extra cost for 1958. And some optional items have been increased in price.

Grain Prices

CHICAGO GRAIN			
CHICAGO, Nov. 19 (AP) — Opening			
grain prices;			
Wheat—		Oats—	
Dec.	2 18½	Dec.	68½
Mar.	2 23½	Mar.	67½
May	2 20½	May	65½
July	1 98½		
Sep.	2 00½	Rye—	
		Dec.	1 32½
Corn—		Mar.	1 35½
Dec.	1 19½	May	1 33½
Mar.	1 23½	July	1 27½
May	1 26½		
July	1 28½	Lard—	
		Dec.	12 35