

### No Rate Change For Bonneville

Washington - (UPI) - Interior Secretary Fred A. Seaton has submitted to the Federal Power Commission a rate schedule continuing the Bonneville Power Administration's present power rate.

The \$17.50 per kilowatt year rate was established in 1938.

Seaton said that as of June 30, 1958, the payout of the Columbia river power system was \$76 million ahead of annual amortization schedules. This surplus, together with estimated revenues during the next five years, makes a rate increase unnecessary at this time, he said.

Authority for fixing the Bonneville rate is responsibility given the Secretary of Interior by Congress.

The rate submitted to the FPC will become effective Dec. 20, and will remain in effect through Dec. 20, 1964.

South Carolina's textile industry produced more than 256 million pounds of print cloth in 1958.

Queen Elizabeth of Bohemia had 13 children.

### The Medical Roundup

by *Walter Alvarez*  
 Emeritus Consultant in Medicine, Mayo Clinic  
 Emeritus Professor of Medicine, Mayo Clinic

#### Echo Viruses

I had better mention ECHO viruses because, soon, mothers of acutely ill children will be hearing about them.

In recent years men in big laboratories have been learning how to isolate and culture and identify many new viruses.

In fact, they have found more viruses than they had diseases to fit them with, and these viruses - not yet identified with an illness - are called "orphans."



Dr. Alvarez

While studying viruses in children suffering with what looked like polio, the experts began finding viruses that did not belong to the polio family. Some belonged to the Coxsackie group, named for the city in which they were first found, and now at least 20 types are found to belong to the ECHO group. This is

shorthand for Enteric (living in the bowel) Cytopathogenic (able to damage body cells) Human Orphan viruses. Already some of the types are not orphans any more because we know they produce a so-called aseptic meningitis (not due to a bacterium) a few cause diarrhea, a few cause what looks like a cold, and a few cause a fever with a rash.

The time is soon coming when doctors will be able to learn quickly from virologists what is the cause of an epidemic that is sweeping through a town. After some years I imagine we will be vaccinating our children against the worst of these infections.

#### The Wisdom of an Ancient Egyptian

In the time of the 5th dynasty of Egypt, some 1500 years before Solomon was born, there was a great vizier named Ptah-Hotep. He wrote a book to help his son to live wisely after he was gone.

Realizing how important a happy marriage can be to a man, he said, "If thou art a man of standing, thou shouldst find thy household and love thy wife at home as it fitting. Fill her stomach; clothe her back. Give her perfumed ointment for her body. Make her heart glad as long as thou livest. She is a profitable field for her lord. Let her heart be soothed through what may have accrued to thee; it means keeping her long in the house."

Ptah-Hotep warned his son also against having too-wandering an eye for the women in the homes of the nobles whom he visited. He said, also, "Let not thy heart be puffed up because of thy knowledge." In other words, he must never become conceited or smug. Very remarkable is his statement, "Good speech is more hidden than the emerald, but it may be found with maid-servants at the grind-stones." In other words, many of the humble people of this world have a great deal of wisdom, and sometimes even a highly educated man can learn much from something they say.

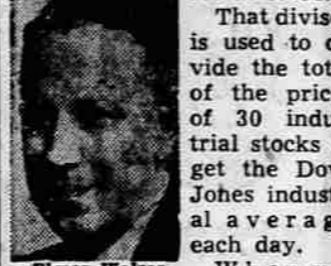
All my life, as a physician, I have been learning medicine from my patients. I constantly have been asking them how their disease started; what seemed to bring it on; what seemed to make it worse, and what seemed to make it better.

Ptah-Hotep advised his son - and this advice would be so good for a young doctor today - "Listen to the speech of the

## Dow-Jones Industrial Average Revised; Here's How It Works

By ELMER C. WALZER  
 UPI Financial Editor

New York - (UPI) - The Dow-Jones industrial average has been revised and new divisor set at 3.964.



Elmer Walzer

That divisor is used to divide the total of the prices of 30 industrial stocks to get the Dow-Jones industrial average each day.

When you went to school you were taught that you get an average of 30 items by adding them up and dividing by 30.

But it's different with the Dow-Jones average which is a very respectable figure, known throughout the world as a measure of the leading stocks on the New York Stock Exchange.

Why not divide by 30? If you did you wouldn't take into consideration the stock splits and stock dividends over the years this average has been in force. It dates back to 1897 and that's what makes it valuable.

Take the close of June 2, and add up the closing prices of the 30 issues used to calculate the average. You get 2526.8518. Divide that by 3.964 and you get 637.45 which is the closing average for that day. Divide it by 30 and you get 84.23. Thus, every time the prices of stocks rise an average of 1 point the average rises 7.57 points.

How It's Figured  
 It's the same when there's a decline of a point. In that case the average declines 7.57 points.

Now suppose there had been no stock splits over the years. The prices of stocks would be very high. If that were the case you'd add the total of the 30 issues and instead of getting 2526.8518, you'd get a total of 19,123.50.

man who comes to see you. Do not rebuff him before he has swept out his body, or before he has said that for which he came. A petitioner likes attention to his words more than the fulfilling of that for which he came." How remarkably true that sometimes can be!

There seems to be so little new under the sun. Back in ancient Egypt a poet wrote, "Make holiday, and weary not therein. Behold, it is not given to a man to Take his property with him, Behold, there is not one who departs Who comes back again." In other words, occasionally take a couple of weeks off for a vacation.

Divide that by 30 and you'd get 637.45 which is just what you have right now for June 2.

There's nothing complicated about it. The lowered divisor keeps a continuity in the average over the years.

You ask what's going to happen when the divisor gets to zero?

The answer to that is it never will get to zero. Dividing by zero gives an answer you can't calculate. It's infinity. You can check that yourself by continually dividing a whole number by a steadily reducing fraction. Your answer gets bigger and bigger.

If you plot a graph of the divisors you get what the mathematicians call an asymptote. Look that up in the dictionary if you want to get more confused than ever. The dictionary defines an asymptote:

"A line that is the limiting position which the tangent to a curve approaches, as the point of contact recedes indefinitely along an infinite branch of the curve."

That means an asymptote is a line that approaches but never touches the zero line in a graph.

But that really isn't important. You can take the word of the mathematicians that the divisor never will hit zero. So don't worry any more.

Let's see what the average means in terms of the market itself. Each time we get a market like the recent ones, there are those who rise and shout the average is no good. It goes up when a plurality of stocks declines. It's been doing that.

Those who know their market stuff simply say the behavior of the average indicates that traders are buying the blue chips and selling the rest of the market.

L. O. Hooper, analyst for W. E. Hutton & Co., last week summed it up thus:

"Last week when the Dow-Jones industrials sold at a new intra-day peak of 647.24, the New York Stock Exchange recorded 117 new 1959 lows and 127 new 1959 highs. Of the 1418 issues traded, 504 scored a net advance for the week, 773 recorded a net decline and 141 closed unchanged."

"These statistics are a commentary on the present market conditions. While investors are generally optimistic, they are choosy. A few weeks ago they were in a much more speculative state of mind, favoring the 'high flyers' rather than the 'good' stocks."

"The present vogue is toward the 'good' stocks; that's why the DJ industrials are doing better than the market as a whole. That's why volume especially on the American Stock Exchange is much lower."

#### Traffic Arrests, Nab 14,000 in May

Salem - (UPI) - Violation of Oregon traffic laws meant trouble for nearly 14,000 drivers during May, the State Motor Vehicle Department has reported.

The department said state courts reported 13,884 convictions for breaking traffic laws, a figure slightly higher than for the same month a year ago.

Some 251 convictions were for driving while intoxicated which results in a mandatory suspension of the offending driver's license.

## PHOENIX Visitors Listed

By LILLIAN KNIGHT  
 Phoenix - Mr. and Mrs. Osa Waggoner and Mr. and Mrs. Jim Arnold and Kenneth McKime of Medford recently spent the week end fishing at Rocky Point on the Klamath lake.

Frank Chasm of Winston, Ore., was a visitor Saturday at the home of Mr. and Mrs. Burt Stancliffe. He had attended an educational meeting at Southern Oregon college, Ashland. He is on the faculty at Douglas High school in Winston. He is a former resident of Ashland and a former student teacher in Phoenix High school.

The Rev. Marvin Lumley returned Friday from Salem where he attended a convention of the Oregon Pacific District of Nazarene churches.

Charlotte Unruh, daughter of Mr. and Mrs. Fay Unruh, is walking on crutches after being in the hospital over the week end and spending a week in bed at home a couple of weeks ago. She broke her leg while playing ball with the Dairy Maids when she slipped and fell.

Mrs. Clarence Hopper, the former Mrs. John Ruby, formerly of here, now of Grants Pass, visited Mr. and Mrs. Rudolph Buccio and family, Mr. and Mrs. Dan Scott, and Mr. and Mrs. Fay Unruh and daughter, Charlotte, over the Memorial week end holiday.

A farewell party under the sponsorship of teachers and parents of the eighth grade class was given for the class at the Phoenix Community club recently. Refreshments were served by the mothers of the class. This was one of the smaller classes to enter the high school, there being 51 students. According to the present enrollment now there is a potential of 78 to be promoted next year.

A graduation party was given recently by Donald MacKintosh, member of the high school graduating class and son of Mr. and Mrs. Arthur MacKintosh, at the home of his sister and brother-in-law, Mr. and Mrs. Gordon Germer, 4557 South Pacific highway, for members of the graduating class. There were about 30 present.

Mrs. Germer and Mrs. MacKintosh served sandwiches and a decorated cake.

In addition to the class present, there were Mrs. Clara Franklin of Roseburg, who has been visiting the MacKintosh and Germer families and attended graduation and baccalaureate exercises, Arthur MacKintosh, and Gordon Germer.

Mrs. Mary Watkins has had as her guest her granddaugh-

## House Prohibits Olympic Money

Washington - (UPI) - The House has voted to prohibit a \$400,000 U. S. contribution to the Winter Olympics at Squaw Valley, Calif., if Nationalist China is barred from the games.

The action was sparked by a decision of the International Olympic Committee last Friday that the Nationalist Chinese could not continue to represent mainland China.

The committee said an application from the Nationalists for recognition as the team from Formosa would be considered. The United States and Russia voted with the 33-19 majority.

The State Department denounced the IOC action as being dictated by "Communist pressure."

House sponsors of the funds prohibition said the IOC vote amounted to expulsion of Nationalist China. They backed their proposal to the defense money bill approved Wednesday.

There are about 1,000 species of cactus growing in dry or desert areas.

There are more than 2,200 parks in the United States.

## Two Forest Fire Lookouts Are Manned

Forest fire lookouts at Hawi's point near Prospect and Squaw peak in the Applegate were manned this week, the U. S. forest service has reported.

The remaining 15 lookouts in the Rogue River National forest will be manned following the lookout training session June 17-19 at Camp 2 east of Butte Falls.

About 100 lookouts, patrolmen, crew members and other fire control personnel will attend the school.

About 600,000 acres of Indian lands in the U. S. were under lease for oil and gas rights in the early 1950's.

ter and two children, Mrs. Donald Cearley, Staff Sergeant Cearley was recently transferred back to the States from South America. The family will visit in California and then will go to Texas where Sgt. Cearley will report to Laughlin Air Force base in Del Rio.

Mrs. E. H. Judd, a daughter of Mrs. Watkins who has made her home in Portola Valley, Calif., for a number of years, has sold her property there and will move up here.

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## Sonata Organ Makes Family Hit



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