

# 30,000 Quakes Every Year, Scientist Says

One Every 17 Minutes Somewhere in World, Most Are Slight

Cleveland, O.—Once every 17 minutes—which means 30,000 times in the course of a year—old Mother Earth shakes or shudders and there is an earthquake somewhere in the world.

Most of these seismic disturbances, of course, are slight; many of them are never noted except on the delicate recording instruments of scientists; some deal widespread death and destruction, and others may occur harmlessly far under the surface of the sea.

For no man really stands on "solid ground"; far below the surface the restless forces of nature that brought the planet into being aeons ago are still at work.

Occasionally, an extremely violent shudder occurs beneath a densely populated community, as has just been the case in Italy, and then we have a major disaster with widespread death and destruction.

Two Kinds of Quakes "There are two kinds of earthquakes, according to Father F. L. Odenbach of John Carroll university here, one of the world's most noted seismologists.

"These two types are volcanic and tectonic," explains Father Odenbach. "Those of volcanic origin are limited in extent. Tectonic earthquakes are caused by shrinkage of the earth with accompanying displacements of huge masses."

Geologists, he says, once thought the center of the earth was a fluid mass. Now they believe that it is solid, though they admit that this solid interior may, under terrific heat and pressure, become sufficiently plastic to flow like wax.

"Italy's volcanoes are responsible for her many earthquakes," says Father Odenbach. "Many theories have been advanced for the cause of a volcanic eruption and accompanying tremors of the earth. It was believed at one time that seepage of water into the molten interior created steam that caused the periodic upheavals. Explosion of gases also is blamed for eruptions."

"But many now think the most probable cause is that the earth shrinks, causing the crust to collapse, and pressure of the crust on the molten interior forces it upward through the volcano's crater. This terrific churning beneath the surface causes the tremors and destruction."

"Of course, Italy could be rocked by a tectonic quake, but most of its disturbances are of volcanic origin. After a volcano starts erupting, its action causes further disturbance below the surface."

History of volcanic eruption in Italy begins with a vague record of one supposed to have occurred some 1500 years before the Christian era. Vesuvius, most celebrated of Italian volcanoes, was built up from the floor of the Mediterranean by prehistoric eruptions as was the surrounding land. Its first outburst recorded in history was in 79 A. D. when the cities of Pompeii and Her-

culaneum were destroyed. Whole Island Exploded "One of the greatest volcanic outbursts in many years was the explosion of the volcanic island of Krakato in the East Indies in 1883," Father Odenbach said. "So completely did this eruption blow up the island that it was completely submerged into the sea. The island is now reported to be re-appearing."

This outburst is said to have lashed the ocean into waves 100 feet high, inundating neighboring coasts and drowning thousands of persons. And yet, as an earthquake, the disturbance was mild, a more or less local affair caused by pressure of gasses within the volcano and was recorded only by nearby instruments. This is true of practically all volcanic earthquakes.

"The other kind of earthquake, more powerful and far-reaching in its vibrations, is called the tectonic quake," the scientist said. "These are caused by slipping masses along regions of weakness sometimes called fractures in the crustal rocks, and the break may be far below the surface. The most destructive quakes are tectonic."

North America Shaken "Such an earthquake was that of 1861, which violently shook much of North America. Old records tell us how forest trails were shifted so far that Indians lost their way. Mud flowed in the St. Lawrence river and nauseating gasses, evidently from far underground, caused fish to leap from the murky river."

Some quakes move up and down. Others have a rolling motion, while still others give a tremendous jerk. The horizontal movement along the surface may be considerable. A court suit once resulted from an earthquake which shifted a fence between two properties.

The Charleston, S. C., disaster in 1886 was of the rolling kind, billowing along like an ocean of earth with the waves two feet high from trough to crest.

There are several regions where earthquakes are most likely to occur. These include Japan, Mexico, Asia Minor, Sicily, the Aelutian Islands and the Pacific ocean. In many instances, volcanic proximity is responsible.

Looked Queer. The Bride indignantly—I never was so embarrassed in my life! The Groom—Why, whassa matter, dearie? The Bride—All through the wedding ceremony you had your eyes glued on the side door marked "Exit," and the best man actually started two or three times to grab you as if he thought you were going to make a dash for it.—Cincinnati Enquirer.

(An Unpleasant Subject) "All of the functions of life are not pleasant to consider. Perhaps this is why some mothers refuse to think that such symptoms as restless sleep, loss of flesh, lack of appetite or itching nose and fingers in their children, can be caused by round or pin worms. Many mothers have proven, however, that a few doses of White's Cream Vermifuge, that sure and harmless worm expellant, will make these symptoms disappear. You can get White's Cream Vermifuge for 35 cents per bottle from PAUL WEBB & SON AND CLEVELAND DRUG CO. (adv.)

JUDGE TOM SHAW, of Greensboro, who is holding court here this week, may be a Dutchman, or even a Scotchman, for all this department knows, but our bet would be that he has English blood in his veins. He appears to be one of the most unemotional men we've ever seen. Lawyers may get excited in their wrangling and the entire court room may slip up to the edge of the seats in expectancy, but Judge Shaw moves coolly along as if he were in a hotel lobby watching the pedestrian traffic. He takes everything so calmly and so philosophically that one is inclined to wonder if he didn't get a wee bit excited as a boy when the horse-drawn fire wagons dashed madly down the street.

A WEEK OR TWO AGO a number of North Carolina sections were moved to question the story of Old Sol hatching chickens in Shelby. Now there comes a story from Washington about the heat killing

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EXECUTOR'S NOTICE (First Publication July 18, 1930) Notice is hereby given that we have this day qualified as Executors of the estate of William Thompson Hamrick, late of Cleveland County, N. C., and all persons indebted to said estate will make immediate payment to the undersigned. All persons having claims against said estate will present them to the undersigned properly proven for payment on or before July 18th, 1931, or this notice will be pleaded in bar of any recovery thereof. This 17th day of July 1930. LLOYD HAMRICK and POPE HAMRICK, Executors of the Last Will and Testament of William Thompson Hamrick, deceased. P. Cleveland Gardner, Atty. 65-17-18 Pd.

EXECUTOR'S NOTICE Notice is hereby given that I have this day qualified as executrix of the estate of Rush Stroup, late of Cleveland county, North Carolina, and that all persons having claims against the said estate must present same, properly proven to me on or before the 3rd day of July, 1931, or this notice will be pleaded in bar of any recovery thereof. All parties owing the said estate are asked to make immediate settlement to the undersigned. This July 9, 1930. MAE CLINE STROUP, Executrix Estate of Rush Stroup. 65 July 11c

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# Around Our TOWN Shelby SIDELIGHTS

By RENN DRUM.

SOME SPELLIN' If an "s" and an "i" and an "o" and an "u" With an "x" at the end spell Sioux; And an "e" and a "y" and an "e" spell eye

What can a perplexed speller do? If also an "e" and an "i" and a "g" With an "h-e-d" spell sledged The speller, sore vexed as to what to say next, May possibly try Slouzeyesighed.

SUCH IS LIFE. A boy who will climb into a tree just to sit and sit is called foolish. And it's generally the men who find a shady spot under a tree on the court square just to sit and sit who do the criticizing. Now, let's see—what's the difference between sitting under a tree and in a tree, except that none of the up-the-tree-sitters will ever equal the time record of some of the under-a-tree sitters.

A SHELBY LADY gave a party recently. It was one of those sizzling days and somewhere for her favors she picked up a collection of those old-time folding fans. What memories! Remember the childhood days when nothing would keep one awake better at church in the summer time than a play with one of the gaily colored paper fans which folded and unfolded in such an intriguing manner? Those were the days when the woman with the biggest and gaudiest fan was considered the betriest. Days when "Casey Jones" was the favorite song-hit.

NORTH CAROLINA CHICKEN dinners may be one of the explanations behind the State's growth since 1920 to a point where it now leads all other Southern States in population. Recently a native of blue grass Kentucky came to Ruthersford to edit The Sun, and this is one of his first impressions of North Carolina:

"One thing we like about North Carolina, and one thing among many others is because there seems to be plenty of chickens down here. This old scribe is a Baptist in respect to the water question, but when it comes to chicken, he is strongly Methodist. Everywhere we go around here we see a lot of chickens, and better still, almost every day down at Lady Waters' good dining table we get a good slant at a dish piled high and of a beautiful brown turn that makes the mouth water, at the merest glance."

"This is getting to be a great industry. Chickens are easy to raise and they don't take much room. Therefore if people go hungry for chicken it surely will be their own fault."

Modern Eve Mother—"Why did you strike your little sister?" Young Bobby—"Well, we were playing Adam and Eve, and instead of tempting me with the apple, she ate it herself."

THEN THERE'S that joke about the portly lady who drove her auto up beside a lubricating oil tank at a Shelby filling station. The attendant dashed up. "What you want? Heavy?" "Listen here, young man," the portly lady retorted as she drove hurriedly away. "I'll not have you getting fresh like that with me."

THE revival meeting will start at Pleasant Hill Baptist church, Sunday August 3rd. We give an invitation and welcome to all who wish to attend.

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# Pleasant Hill Community News

Farmers Have Fine Crops. Miss McCurry Entertains. Mr. Thrift III. Personals.

(Special to The Star.) Pleasant Hill, July 31.—The farmers of this community are through work in the field. Crops are looking fine after the good showers and hot weather which we have been having this week.

Mr. Clarence Thrift visited his uncle Mr. Arthur Thrift last week. Mr. Howard Grayson spent last week with his uncle Mr. J. N. Kuykendall.

Miss Analda McCurry entertained a number of her friends with a social at her home last Thursday night. Those present were: Misses Hattie Mae Thrift, Lois Edwards, Myrtle and Bertha Thrift, Messrs Jesse, Macie and Obe Yarboro, Sam and Anie Dycus, Everett and Thurman, Wright, Ernest and Arthur Kuykendall, Minor Lowery and Ben Grayson.

Mr. and Mrs. J. R. DeLoach and children called at the home of Mr. and Mrs. Ervin Guffey last Wednesday afternoon. Mr. and Mrs. J. A. Guffey and family also his son Mr. and Mrs. Roy Guffey and children of Caroleen spent last Thursday with Mr. and Mrs. Ervin Guffey.

Mr. Lewis Scoggins of Caroleen spent the week-end with his cousin Mr. Ervin Guffey. Rev. and Mrs. Hershel Allen and children of Bowling Springs spent Friday night with Mr. and Mrs. Cliff Lowery.

Mr. Thrift Very Ill. Mr. P. M. Thrift is very sick at this writing his son Mr. John Thrift and family who have been visiting at his father's home for some time returned to his home at York, S. C., Sunday. His niece Miss Lois Edwards accompanied them home for a two month's visit.

Miss Ermae Philbeck cannot walk on account of something like rheumatism. We hope she will soon be able to be in Sunday school and B. Y. P. U.

Mrs. W. B. Lowery spent the week end with Mr. and Mrs. Hugh Borders of Patterson.

Mr. and Mrs. Weldon Geppit and children of Shelby visited his parents Mr. and Mrs. Amos Gant on last Sunday.

Mr. and Mrs. James Whisnant and Mrs. L. L. Whisnant have been sitting up with their mother, Mrs. Whisnant, she is very sick and is at the home of her daughter, Mrs. Tommie Harmon near Kings Mountain.

Mr. and Mrs. Clyde Kendrick and children, Mrs. J. C. Lowery and children were visitors at the home of Mr. and Mrs. J. Y. Kendrick, Sunday afternoon.

Mr. and Mrs. Tom H. Lowery and family visited Irene park at Gaffney Sunday afternoon.

Mr. and Mrs. R. B. Francis spent Sunday night with Mr. and Mrs. Tom H. Lowery.

Mr. and Mrs. Max Francis and children of Charlotte are spending a part of his vacation with his parents, Mr. and Mrs. R. B. Francis.

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CHEVROLET COUPE, 1927 MODEL— Driven only 12,000 miles. Has all new tires. Had excellent care. Paint and upholstery in perfect condition.

CHEVROLET COUPE, 1928 MODEL— With all new tires. New paint. In first class mechanical condition.

CHEVROLET COUPE, 1929 MODEL— This car is in excellent condition in every way. New car performance at extremely low cost.

WHIPPET COACH 1929 MODEL— For those who would like to leave the big car home and get the most out of out-door vacationing.

FORD TOURING, 1926 MODEL— New top, new tires, and new paint. Good mechanical condition. A vacation bargain!

MODEL A FORD TOURING CAR, 1928 MODEL— Good mechanical condition. Practically new rubber and paint.

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MEAL or GRITS—3 lbs. 10c A. & P. PLAIN or SELF-RISING FLOUR, 24-lb bag 85c; 98-lb. bag \$3.19

CRISCO, lb. can 23c Grandmother's raisin & plain cake, lb. 25c

OUR OWN TEA 1/2 pound 25c Del Monte or Libby PEACHES Large Can 23c 3 Tall Cans 25c

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PALMOLIVE SOAP, 3 cakes 19c PURE PORK SAUSAGE—pound 15c KINGAN'S BREAKFAST BACON—lb. 29c CURED HAMS—Whole or Half—lb. 29c CHUCK ROAST—Pound 18c

OTHER A. & P. NEWS ON PAGE SEVEN

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Middle Life Suffering

THREE years ago, I was in bad health," says Mrs. J. B. Bean, of Kirbyville, Texas. "I was going through a critical time, and I suffered a lot."

"My back hurt almost all the time, and my legs and ankles ached. As I had used Cardui before, and knew how much I had improved after taking it, I got a bottle and started taking it. I continued to use it for several months. After awhile I regained my health, and I feel that I could never have gotten through that awful time without Cardui."

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