



# Quarter-Mile-High Skyscraper Defies All Forces of Nature

## NEITHER WINDS NOR EARTHQUAKE FORCE CAN TOPPLE TOWER

Goliath of Architecture and Engineering Possesses Rigidity to Equal Elements

## INSTITUTE MEASURES STRUCTURES' SAFETY

Builders Believe Building Could Withstand Most Violent of Quake or Storms

(By The Associated Press)  
NEW YORK, April 18.—"Neither the earthquake nor the gale nor the pull of a thousand dirigibles can topple over the world's tallest skyscraper, unless the force exceeds any hereabouts hitherto known to man."

This Goliath of architecture and engineering, the Empire State building, has been built stronger than the ordinary David of steel.

"It would take a force of more than 4,250,000 pounds of pressure to overturn it," engineers say.

The Empire State building, which is the second tallest in the world, has withstood the severest storm ever recorded in this latitude, and greater than the pressure felt from any recorded earthquake, says the building's structure of steel construction.

Even so, the institute intends to use the building to measure more than the margin of skyscraper safety.

It has announced the beginning of wind stress research in the 125-story tower of the Empire State building, which rises a quarter of a mile above Fifth avenue.

16-story Tower "Keeps"

The dirigible mooring must itself, in reality, a 16-story tower about 60 feet in diameter, increased the cost of building the tower by \$1,000,000. This excess was for an elaborate system of bracing to withstand the pressure of the wind and the pull of any Zeppelin that may be up there.

Cathedral arches of steel reinforce the interior of the mast, so that it can withstand more than 120 tons of wind pressure.

The probable pull of a dirigible was estimated at 50 tons.

Mr. John C. Stagg, who has been the top of the top of the building in the wind. This is done with a telescope pointing upward from the top of the building to the mast, eighty-five stories. This instrument, a clinometer, a clinometer, will record every one-quarter of an inch till.

Mr. Stagg, a member of the architectural firm of Felt, Fisher and Associates, measurements made on the twelfth floor of the American Insurance Union building in a 30-mile wind showed more than one-tenth of an inch away.

"Never" Record Pending

Empire State is also fitted with some special nerves on each of its teeth today while their special offer sides... to record the infinite for.

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1929 FORD TUDOR, tan finish, this car has had excellent care, 1931 license	\$335.00
1929 FORD TUDOR, run less than 10,000 miles, in fine condition	\$350.00
1929 FORD TOWN SEDAN, heavy duty tires, in extra good condition	\$525.00
1929 FORD TUDOR, tan finish, new tires, 1931 license	\$450.00
1929 WHIPET SPORT COUPE, in excellent condition, equipped with many extras, new license	\$350.00
1929 DODGE COUPE, leather upholstery, new heavy duty tires. Lots of service in this one	\$250.00
1929 CHEVROLET COACH, dark blue, Duro, 1931 license	\$500.00
1929 CHEVROLET COACH, new tires, 1931 license, this is an excellent buy at	\$450.00
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## HEBER J. GRANT VISITS IN OAKLEY

Head of Latter Day Saints Church Dedicates Three Cassia County Structures

OAKLEY, April 18 (Special to The News) — President Heber J. Grant, Salt Lake City, head of the Latter Day Saints church, and Apostle George F. Smith, his right-hand man, and principal speakers at dedication services for the Oakley Third ward meeting house, the Cassia playhouse and the Rainey school.

The morning session opened with

General Conference of the community singing—and—prayer; Bishop Lewis R. Criswell, the local church leader, recited the Lord's Prayer. \$1,000 had been spent on improvements on the building and that the structure is more adequate than the previous one.

President Grant, Apostle Smith, accompanied members of the ward on the building and work Blaine Maritime contributed \$100 to the cause.

President Grant gave a resume of the progress of the church in Idaho during the last 50 years. He contrasted the early days, when the town of Oakley had only 100 inhabitants, with the present time, when the Box Elder state, formed from the Tooele county, has grown from less than 100 to more than 20,000, comprising seven stakes now—Cassia, Bear Lake, Franklin, Twin Falls, Malheur and Boise.

President Grant dedicated the Rainey school.

The third ward church is a concluding directory prayer.

In the afternoon session at the Cassia playhouse, E. E. Stockton, president of the Cassia Drama Club, opened an interesting address, told of the customs, manners, language and recreation of the early Indians.

Prayer recreational activities.

Following a song by Clara Clark, President Grant spoke on recreation and the importance of physical exercise in a Japanese mission and gave dedicatory prayer. A song by Berne Howells followed.

The total cost of the playhouse was \$20,000, of which \$10,000, of which has been paid.

The cyclining Services were held to dedicate the Rainey hall which the church has built to complete.

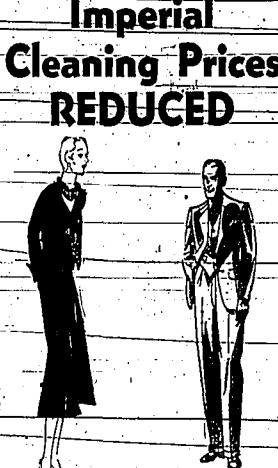
Musical by the high school orchestra—and—an address by a young man.

"Parents to Their Children" was followed by a vocal trio by Mrs. Maiide Clark, and her two daughters.

## ANNOUNCEMENTS

Bible study group will meet at the home of Mrs. John C. Stagg, 412 Blue Lakes boulevard, at 2 P.M. Tuesday.

## Imperial Cleaning Prices REDUCED



## Ladies'

50c	50c
Dresses	50c
Coats	50c
(Plain)	50c
Overcoats	65c
Jackets	50c
Sweaters	50c

All other items of clothing and men's furnishings

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terials and Research.

President Grant told of his boyhood days, and praised his mother for proper guidance. He further emphasized the need of proper research in all fields of endeavor.

The conference ended with a benediction concluded the day's events.

Approximately 300 persons attended the morning session, 500 in the afternoon, and about 700 in the evening.

## CONFERENCE MEETS AT GOODING SCHOOL

## HOLLISTER FIGHTS CLOSING OF DEPOT

Dr. Raymond D. Culver, Portland, and Twin Falls

Speakers Attend Sessions

Publio—Utilities Commission Arranges to... Receive Protests at Hearing

On their protest against proposed closing of the Oregon Coast line deposit at Hollister.

The hearing, which has been adjourned twice, will begin at 10 A.M. next Tuesday.

Effort is being directed toward securing the largest possible attendance of citizens and other interested persons.

GOODING COUNTY TAX RECEIPTS SHOW DECLINE

(Gooding, April 18 (Special to The News)—The Gooding county of fiscal audit for the year ending March 31, 1930, showed a tax of \$23, which is 8.2 per cent of the receipts in 1929, according to figures at the treasurer's office here.

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