Gibberish Means 'Thunderstorms With Moderate to Strong Winds'

By Doug McCartney

AREA WDLY SCTD MDT TO STG 20 WIDE 60 NW GRI 60 SSE LINK.

Gibberish? To the ordinary Lincolnite, yes.

But to the trained eyes of the meteorologist it reads: Widely scattered thunderstorms with moderate to strong winds are possible in an area 20 miles on either side of a line from 60 miles northwest of Grand Island to 60 miles

Mr. Lincolnite can hear the translations of the weather forecast for the area any time they may occur on the radio or TV and he can read about them in his newspapers. It is his protection against a rained out picnic . . . or a

March through September are the months for severe weather but June is the time for sudden thundershowers, according to the U.S. Weather Bureau. During this time an "eagle eye" is kept on the constantly changing weather by an elaborate warning system.

Tornado Weather

The first indications of possible tornado weather are found by meteorologists plotting the warm and cold air masses as they move through Nebraska, said Richard E. Myers, head meteorologist at the Lincoln Weather Bureau. Weather balloons report the temperature, moisture, and

wind in the air masses, he said. They watch for the special "breeding conditions" for severe weather and tornados.

A mass of light, warm, moist air is blown underneath

a mass of cold, dry air. The light air tries to rise. Turbulance begins. Storm clouds form. Miles away, in Omaha and Kansas City, radar notes the formation of the storm .The weather charts are consulted, and the danger area is determined by the size of

We pick out as small an area as we can, Myers said. It usually averages a couple of hundred miles long and about 120 miles wide. We usually determine it "from point to point," he added.

"Severe" Forecast

The "severe weather forecast" is given to newspapers, radio and TV. The Bureau then notifies rural observers, police and state patrol in the danger area to watch for and report funnels or dangerous looking clouds.

The Lincoln area is well organized, said Myers. The

Weather Bureau can also keep tabs on possible tornados by radar at the Lincoln Air Force Base, he said.

If a tornado is located in the area, the Bureau notifies

the communications media for public warnings and contacts local civil defense. If the funnel is approaching Lincoln, the fire siren will sound to warn local residents.

The chance of being hit by a tornade is very small the head meteorologist commented. But the destructiveness of the storms led the Weather Bureau to establish the forecasting and warning systems about five years ago.

The tornado is a "freak" of violent weather, very localized but destructive, Myers stated. Tornado weather is usually hot and sticky with southernly winds and ominous sky. Between 3 and 7 p.m. is the most common breeding time for tornados, but they can occur anytime, he said.

Thunderstorm

The bigger, less destructive brother of the tornado is the thunderstorm. The beauty of the towering thunderheads conceals internal violence including heavy downpours, hail, lightning and thunder. They are common during the summer months throughout the mid-west, Myers said.

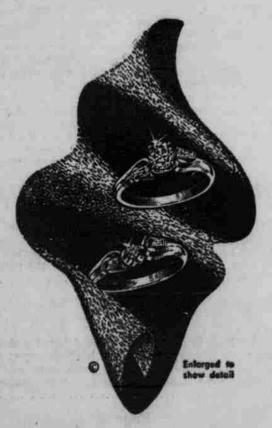
There are actually two types of thunderstorms, he said. The first is called the "air mass." It is a single storm caused by superheated air near the earth rising into the cooler upper regions.

The second is a series of rainstorms in a "squall line This kind is the most dangerous, as it is "self generating" added Meyers. The line may travel as fast as 60 miles

per hour by creating new storms ahead of it.

This spring and early summer have been more quiet and cool than usual for Nebraska, however, the meteorologist pointed out. The reasons lie partly in the great bands of winds that flow over the United States. While the path is constantly changing, sometimes these winds will follow a favorite path for weeks on end, he said. These winds create "highs" and "lows"—areas of different air pressure.

This spring a ridge of high pressure air formed just to the west of Nebraska and a low, to the southeast, according to Myers. Thus the prevailing winds sweep cool Canadian air over the state. The warm air from the Gulf of Mexico, which usually accounts for the higher temperatures, is bent east and little has reached the area.



New Concepts of Design

The contrast of baguettes with the round center stone is an inspired design to increase the brilliance of the gems. We have many new designs. Let us help you in the selection of a

> Above \$200.00 Below \$120.00

SARTOR JEWELRY

239 No. 14th 1200 'O' Street

HE 2-5262

The collision of the air masses, causing severe weather, is occurring over the east coast this year, said Myers. This accounts for the heavy winter snow, and the spring flooding, he stated.

'Last year the low was over us" he added, "and we got the snow and rain.

Unfortunately, we don't know why the winds follow the patterns they do-or when they are going to change, Myers said. A complete shift can come in a matter of two or

The forecast for Nebraska, as far as we can tell now, is for a cool summer with more moisture than usual, he stated. But this doesn't mean there will be no tornados or severe weather, he explained. It only means that the chance is less, he said.

Finally, it is always wise to remember tornado safety rules, the head meteorologist stated. When a tornado is approaching:

Go to a tornado celler, cave or underground excavation if you have one.

Move at right angles to the storm's path if you are in open country. (Tornadoes usually come from the south-

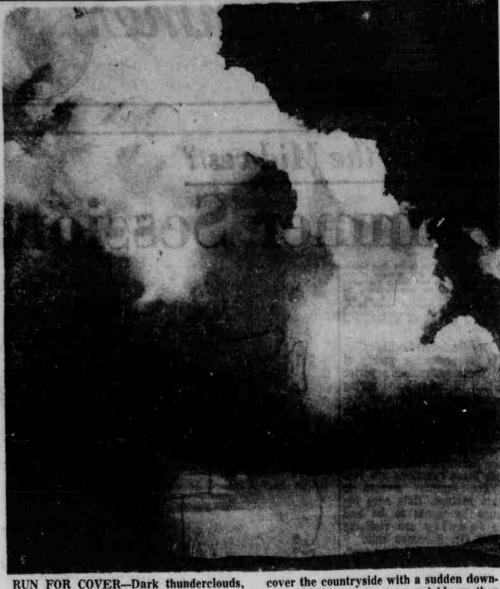
west, at 25 to 40 miles per hour.) In town, seek shelter inside a strong well built structure, and stay away from windows.

In homes, go to the south-west corner in the basement. If you don't have one, take shelter under heavy furniture against the inside walls of the house. Open doors and windows on the sides of your home away from the tornado to reduce damage.

In schools, stay inside if the building is of strongly reinforced construction. Avoid auditoriums and gymnasiums with large, poorly supported roofs.

Stay calm, your chance of the tornado striking your location is very slight.

Finally, keep tuned to a local radio or television sta-tion to receive the latest information. Do not call the weather bureau, except to report a tornado.



RUN FOR COVER-Dark thunderclouds, typical of those seen during the summer months, come rolling in unexpectedly to

pour and then move on as quickly as they

Experimental Course

Seventh Grade Math

Probability Replaces Apples, Pears

or peaches at the grocery store have disappeared from seventh grade math at Unimethod." versity High school. To these seventh graders math is facpatterns and number bases.

geometry as well as seeing ing rules, they "discover" the for themselves what reason- rules. ing mathematicians used in setting up rules for division or multiplication.

al math class has been taught graders find out why. in Nebraska.

ematics Study Group (SMSG) for the first time two years ago in 12 teaching centers throughout the United States. The SMSG plan is being

started in Omaha schools on an experimental basis this summer.

Experimental Project It is only one of several ex. four.

perimental mathematics proj-

the elementary math pro- tern of 0, 2, 4, 6 and 8.

701 N. 10th

GOING HOME?

about buying apples or pears ematics which lead to un- 15, and 18.

Four Over Zero

the first time the experimental math class has been taught

at Yale University and used fraction, 15, the fraction is times ten, or 100.

Often the students actually 12, etc. saw more than Dr. Beck- One hundred twenty-five in

math as part of a four million- had an interval of two bedollar teaching improvement tween it and the following of math taught in the experiprogram for mathematics, number, which is what he mental class. The students Another \$700,000 has been ad- wanted them to see. But they talked with an authority about vanced for improvement in also saw the recurring pat-

HE 2-7960

4------

Is your car ready?

Have our mechanics look over your car and make

adjustments that mean smooth motoring ahead.

GEORGE KNAUB MOBIL SERVICE

FAST • DEPENDABLE

ONE DAY

Laundry and Cleaning

MODEL

LAUNDRY AND CLEANERS

raised his hand and said in his slow drawl, "Well, Mr. Beck-Students look at parallele- mann, I don't know how reli- new method of teaching math Beckman said the class meets grams, squares and rhom- able this is, but if you add is here to stay. toring, probability, divisibility buses to see the differences one and two, you get three.

> their system, adding the three life." Four over zero is an im- numbers to get 15 and then possible fraction, according to re-adding one and five to get

Number Bases

Part of their study was The fraction 15-5 can be centered around number The new method, taught by checked by reducing it to bases, learning how our number. Milton W. Beckmann with three, then multiplying three ber system is built on the decthe help of a graduate stu- by the bottom number of the imal or base ten system. This dent from the University, was developed by the School Mathbers when multiplied together 125 is built by adding five, two equal the top number of the times ten, or twenty and one

The students learned that The students tried this the decimal number base is check on other fractions, only one of many systems by along with the fraction 4-0. working with a binary or All checked out except 4-0 in number base system used in which neither zero times four IBM machines, a ternary or four times zero would equal (three) system or a system built on a base of five, eight,

senior h i gh schools in the United States. Grand Island High School is trying a plan appear the state of the developed by the University asking the students "What do two or four to make, in our of Illinois." The University of Maryland They saw that all were is also experimenting with even numbers, all were divisi-different methods of teaching ble by two and each number tem, Beckmann said.

Algebra was another area the commutative, associative and distributive properties of The students in Dr. Beck- tern among numbers divisible are they? Ask a seventh gradmann's class were encour-aged to think for themselves at first. Three, six and nine simple:

A "commutative" property is the ability of groups of numbers to be changed in order, the ability of a number to travel from place to place, as long as it doesnt' cross the equal sign. A + b = b + a. It's that simple, according to the seventh graders.

"Associative" is the property which allows a person to add, multiply or divide two numbers of a group at one time. In a + b + c, one can add a + b first or a + c first, then add the third number.

"The "distributive" property means that "a" in a(b+c) the same as "a" times "b" plus a times c.

Here to Stay This is only part of what

WATCH & CLOCK REPAIR

day service! Student Prices! DICK'S WATCH SERVICE

SUMMER JOBS

EUROPE

FOR FREE INFORMATION WRITE TO American Student Informatio Service a. V. Jahnstrasse 56 A. Frankfurt/Main, German

The old story problems in seeing the pattern in math- | didn't seem to recur in 12, seventh graders, and maybe high schools, are conducting

"I'm completely sold on it," weekday morning and anyone atterns and number bases. in length of sides and width one and five make six and he said. "I have taught for 25 wishing to see the class in action is welcome to observe it. Even in such large numbers lege and I have never done

even younger students, will be an enrichment class for stu-Finally, one thoughtful boy learning, according to Dr. dents at the 7th grade level Beckmann, who says that the by the discovery method. Dr. from 7:30 to 9 a.m. each

What's ahead in experias 276, the students applied anything so thrilling in my mental math for the 1961-1962 school year? Plans now are This summer Dr. Beckmann to extend the experimental

and Dr. Monte Norton, co-ordinator of the Lincoln junior another seventh grade class.

RUSS' SNACK BAR

WELCOMES YOU

1227 R St.

Golf Driving

Shuffleboard

Courts

Range

Soft Drinks

How's your average?

We're talking about your batting overage. Want to find

Come out to . . .

Smitty's LITTLE AMERICA

BASEBALL BATTING

RANGE

NORTH 27TH ST.

 Snack Bar Ice Cream

SANT SHIRTMAKERS BURLAP OXFORD PULLOVER

Test cotton exford takes on a burlap weave that is bold and brave-mediate impact is the result. Exhibitaring is the word for this new htweight fabric that has an affinity for short sleeves, an authontically



Laptains

UNIVERSITY OF NEBRASKA . LINCOLN 1127 "R" Street Phone HE 2-2042