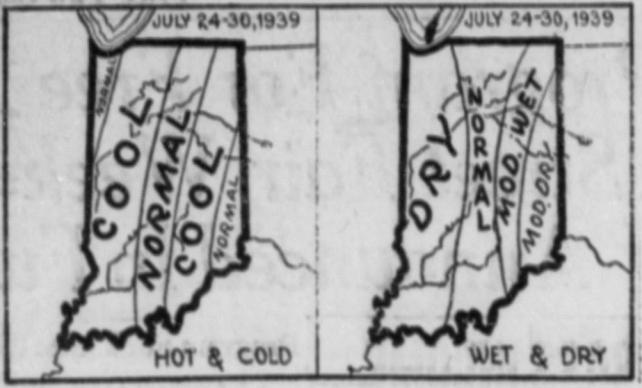


Weather A Week Ahead

As Forecast By PROF. SELBY MAXWELL, Noted Meteorologist



TEMPERATURE AND RAINFALL—INDIANA.

July 24 to 30.

The Northeast, East central and Southwest portions will be cool. The remaining areas will be normal. Moderate precipitation will occur over the Northeast and East central portions. The West portion of the state will be dry, with moderately dry weather in the Southeast area. The central area will be normal.

Protected by John F. Dille Company.

WEATHER IS A PART OF GRAVITY.

Astronomy shows us that there is no such a thing as an accidental occurrence in the sky. Gravity is universal. It applies to all worlds alike. Tidal action, the base of weather, is a part of gravity. When ordinary folks look at the weather they see clouds, rain, sunshine, wind blowing the trees. A scientist sees all this too, but he sees more in the weather. He sees the laws of gravity that make weather.

One of the peculiar facts of gravity is that exact predictions are possible from its laws. Given a world in the sky, and a moon going around the world in an orbit, we can predict where the moon was on any day of the past or will be on any day of the future. That little instant of time we call "the present" becomes very small and very insignificant indeed when we think of earth, moons and orbits and tremendous spans of time.

Weather as a part of gravity has existed since the beginning of the world. It will exist, as now, until the end of the world. To the mathematicians working with charts, the future is very real, just as the past is very real, so real that he can make weather pictures of it, and draw in the details of the wind and rain that are to happen in the future, secure in the knowledge that when each day of the future becomes "the present," each prediction will come to pass, within the limits of our knowledge which is roughly eighty per cent complete.

In our weather laboratory we make many mathematical computations of the different parts of weather. It is a routine matter to check particular forecasting formulas by computing them backward into the past. If the past seems to check with known records, we compute forward into the future. Much of this work is done by artists, girls whose clever fingers trace out the delicate outlines of clouds and storms that are still to come. None of them are trained in any of the sciences of the mind, yet, they understand the reality of the future. They draw pictures of it every day. The mathematical formulas show future weather and they draw pic-

WERE THE VIKINGS KILLED?

Stefanson, the Arctic explorer, says that the Viking settlers of Greenland were not killed by the Eskimos, but went north where the hunting was better. Their descendants, he says, can be found among the Eskimo population of Greenland to this day. Doesn't it strike you as odd that any one should go north in the Arctic regions to find the better hunting Stefanson describes? It is perfectly clear to the meteorologist—a fascinating his-

ture of it following mathematics.

It was bad enough when Toni Goddard's father became bankrupt, but when her fiance, the socially prominent Brock Milbank, eloped with Jessica Payne, it was almost more than she could bear. However, the homely philosophy of an old fisherman gives Toni hope. He compared life to a fisherman's net which, though torn, is mended and put to sea again, adding: "There's healing in work!" So Toni goes to New York in search of work. Weeks pass and she finds none. Then one day, Bridget, an old apple vendor, suggests that Toni try for the chorus of the New Gallic Casino, telling her to ask for Cassie. Toni fibs to Cassie that the latter's mother, in Cincinnati, sent her. She gets the job. The night before she is to go on, she watches the performance. A dark handsome man, sitting nearby, stares at her. Toni repulses the advances of "Fatty" Gusheim, her director. She now lives with Cassie. One evening she meets her room-mate's boy friend, Herman, whom she recognizes as the man who sold her a fox necklace and then substituted a disreputable looking cat fur for it. "Fatty" discharges Toni and she splits with Cassie because of her accusation of Herman.

CHAPTER X

Days went by. One evening she ventured into Dave's Blue Room, hoping an opportunity might be given her to sing there.

But before she could make her request to the manager, he recognized her and said quickly: "Mr. Niklas has been looking for you. We both got in touch with Mr. Gusheim, and he said he didn't know where we could find you, that he'd let you out of the show at the Casino. But Mr. Niklas wants you—here's his phone number."

He gave her a slip of paper. "Who?" asked Toni faintly. "Mr. Niklas? And why does he want me?"

"He heard you sing here that night. He was the sallow-faced man in the corner who applauded. He's one of the richest and most important night-club men on Broadway. He can make you or break you. My advice is for you to get in touch with Mr. Niklas immediately," the manager urged her.

Over his desk in his handsomely appointed office on Broadway, the sleek, suave Mr. Niklas assessed Toni through brilliant dark eyes.

"I have sent for you"—his voice was extraordinarily soft and gentle—"because it is my belief that I can fit you importantly, into a night club I am opening shortly."

"Yes?"

"The work," said Mr. Niklas, drumming beautifully manicured fingers upon the desk, "requires discretion. Poise. Above all class. When I heard you sing in Dave's Blue Room, it was the last two qualities that interested me. In addition, of course, to your voice."

Was this genuine?—Toni wondered. Her performance of that evening had failed completely, so far as Fatty Gusheim was concerned. Was there a catch here? Her straightforward gaze met that of the promoter.

"At college, did you study psychology, Miss Goddard? A knowledge of people, how to please them,

Test Your Knowledge

Can you answer seven of these ten questions? Turn to page Four for the answers.

1. Name the principal river of Venezuela.
2. Which President wrote his own epitaph?

3. In dry measure, how many quarts are in one peck?

4. In what year did the Boston Tea Party occur?

5. How many stories high is the R. C. A. Building in New York City?

6. What is the correct pronunciation of the word predatory?

7. Where is the famous Widow's

Tears waterfall?

8. For what degree do the initials Ph. D. stand?

9. What animal produces Hudson Seal?

10. What is the nickname for the State of Maryland?

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Cosmic Ray Autos Forecast

Colusa, Cal. (UPI) — Cosmic ray automobiles were predicted here in a lecture by Dr. Luther Gable, Chicago scientist. "Harnessing cosmic rays of radium," he declared, "eventually will furnish through tiny tubes of radium-active substance not only the motive power of automobiles but all the electric power needed for the home."

TODAY'S COMMON ERROR

Do not say, "I did not know but what he was my friend;" omit "what."

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