

## STORIES of New Jersey



*A section of the Airways Traffic Control office*

The Weather Bureau staff is composed of 13 men who work in interlocking shifts. They take observations every 15 minutes--oftener if the weather is bad--and make a weather map of the eastern United States every three hours. At intervals of six hours they make a weather map for the entire country, Canada and parts of the oceans. In its reports, submitted to the Airways Communication Station through a sliding panel in the wall, the bureau uses these symbols: "C" for contact flying, which means that the pilot can see the ground; "I" for blind flying; and "X" to signify that the weather does not permit flying. The Communication Station teletypes the Weather Bureau reports over the country. Weather information is also supplied over a local teletype system to the various transport companies whose meteorologists make their own maps and forecasts. A report reads something like this:

"MG E60 @ 12 43→ \16 CLDS VRBL OCNLY SCTD RANOT BRONO"

This abbreviation is read as follows: "McConnellsburg, Pa.; ceiling estimated 6,000 feet; broken clouds; visibility 12 miles; temperature 43 degrees; wind north northwest 16 miles per hour; clouds variable, occasionally scattered; radio beam not working; broadcast not working."

In a small soundproof room adjoining the teletype office is the remote control apparatus of the Civil Aeronautics Authority radio station WWU of the