

STORIES of New Jersey

tudes; only planes with two-way radio equipment may fly when visibility is less than three miles. Long in advance of a ship's arrival at an airport, the time of its arrival is announced by the Airways Control Station.



Inside the Traffic Tower, overlooking the field

REPORTING THE WEATHER

Operating in conjunction with the Airways Control Station are the Airways Communication Station and the United States Weather Bureau of the Department of Agriculture, both quartered in the Post Office Building. The Weather Bureau is a General Supervisory Airport Station, one of 11 in the country. Known also as the Weather Bureau Aerological Station, the Newark branch supervises 67 substations in the northeast. Its equipment includes an anemometer recording wind velocity, anemoscope for wind direction, hygrometer for measuring degree of moisture or dew point, barometer for measuring atmospheric pressure and a barograph, which is a barometer that records its own variations. Other instruments on the Post Office roof record temperatures, ceiling levels, visibility and rainfall.