

Released on receipt
but intended for use
July 11, 1929.

A Science Service Feature

? WHY THE WEATHER ?

Mailed July 3, 1929.

By Charles Fitzhugh Talman,
Authority on Meteorology.

FOG AT AIRPORTS

Liability to fog is the worst climatic defect of an airport; hence in selecting an airport site due consideration should be given to this point. Before the site of the municipal airport of San Francisco was chosen a long survey was made of meteorological conditions in the vicinity of that city and special attention was given to the prevalence of fog.

C.G. Andrus, of the U.S. Weather Bureau, suggests, as one means of determining relative fogginess in any region, an aerial survey. He says: "From observations, preferably photographic, taken at about sunrise for a period of a few months whenever conditions are producing fog anywhere in the area, the comparative proneness to fog of each square mile may be obtained. The action of city smoke and gases in the pollution of the air and the intensifying of fog would also be demonstrated by such a survey."

Mr. Andrus, who has specialized in aeronautical meteorology for some years, also says: "A dense fog 200 feet deep completely nullifies the utility of an airport as a terminal of entrance. Departure may be taken under such conditions if the airway to be traveled is clear of fog and the aircraft properly equipped, but even this is attended with considerable danger.

(All rights reserved by Science Service, Inc.)

SCIENCE SERVICE
21st and B Sts.
Washington, D.C.