

Released upon receipt
but intended for use
February 23, 1931

A Science Service Feature

? WHY THE WEATHER ?

Mailed February 16, 1931

By Charles Fitzhugh Talman,
Authority on Meteorology.

A LIGHTNING MODEL

One of the traveling exhibits of the United States Department of Agriculture is a working model of lightning. A booth is built to resemble the living room of a country home. Looking through the window the visitor sees two barns, separated by a lane. One barn is equipped with lightning rods; the other is not.

A sharp flash of lightning is seen to strike the unprotected barn. This is followed by a rumble of thunder - produced "behind the scenes" by an automatic mechanism, which shakes a loose sheet of metal. After a short interval the barn lights up and is soon a red glow of fire, supposed to be the result of the lightning stroke. After the unprotected barn has thus been "set on fire" the other barn is struck by another discharge, again followed by the rumble of thunder. In this case no fire follows.

This exhibit has proved a star attraction wherever shown. The booth also contains several pictures and placards relating to lightning protection, together with specimens of approved lightning rods and their attachments.

(All rights reserved by Science Service, Inc.)

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