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? WHY THE WEATHER ?

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FOUNTAIN HEADS

Fountains of why the weather are spouting in Washington. Last evening and all day today meteorologists from various parts of the country have been telling other meteorologists and amateurs what they have learned about the ways of the weather since they last met. The American Meteorological Society is in session. Mathematical methods of handling data, how balloons have shown where the air goes to in storms, what flying men need from meteorologists, how to protect orchards from frost, and how weather forecasts can be of service in preventing and controlling forest fires, were the topics covered last night. This morning is occupied with a symposium on solar radiation and the weather, probably the most knotty and fundamental problem in meteorology today. Three Weather Bureau scientists first analyze the data on solar radiation, Dr. C. G. Abbot, who collected these data, then discusses the analysis, and, finally, H. Helm Clayton, who has used the data for forecasting, discusses to what extent solar heat radiation is correlated with the weather. For this afternoon there are two motion picture films, one depicting Meisinger's ill-fated series of balloon flights in storms, and the other showing in what other ways the Weather Bureau keeps tab on the free air. Rainfall in storms, the weather effects of the recent eclipse, tornadoes, and land vs. ocean temperatures as controllers of the southeast wind of Texas, also come in for discussion. The weather and its effects is a big enough field for an army of investigators to work in for decades without overcrowding.

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