



## Initial Results from the Pawnee Eddy Correlation System for Dry Acid Deposition Research (Classic Reprint) (Paperback)

By Karl Zeller

Forgotten Books, United States, 2016. Paperback. Condition: New. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Excerpt from Initial Results From the Pawnee Eddy Correlation System for Dry Acid Deposition Research At first glance measuring dry deposition might seem to be an easy task; for example, simply put out a bucket and measure what falls in when it is not raining. However, dry deposition measurements are not simple because the surfaces on which dry deposition occurs may themselves actively be removing the pollutant. Therefore, simple passive monitoring is not adequate for a full description of the dry deposition process. Some understanding of the nature of the underlying surface is also required. The most accurate techniques for measuring dry deposition employ aerodynamic methods. Essentially these involve measuring how much pollution passes by a fixed level in the atmosphere. This procedure works best when the vegetation is uniform and the terrain is flat. The research reported on in this paper represents a test of the aerodynamic method known as eddy correlation under circumstances where it is expected to work well. Eventually, we plan to use eddy correlation to make dry deposition measurements in typical alpine and sub...



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