
Modern Hydrology. *Raphael G. Kazmann.* Harper & Row, New York, 1965. xiv+301 p. \$10.50.

Modern Hydrology is a book of unprecedented import, not only to students of the subject, but to those in related fields and to interested laymen as well. It examines the hydrologic cycle to an appreciable depth and provides an excellent foundation for an understanding of contemporary problems and future difficulties in water resources. Kazmann convinces one that many of our present problems can be solved through public approval of remedies developed by hydrologists in recent years. But he implies that most of our future water problems are so subjective in nature that only a concentrated effort in research will overcome them.

After exploring the slow, but socially and economically significant development from the very beginning of the hydrologic knowledge we now possess, Kazmann goes on to demonstrate the need for understanding in critical areas—flood control, pollution control, water supply, sea-water conversion, irrigation, and cloudseeding. Strong encouragement for detailed investigations, meant for those who have the impression that complete hydrologic evaluations are superfluous for public water development projects, is inherent throughout the book.

Supporting the unusually well-documented discussions and case histories are charts, graphs, photographs, and diagrams which strikingly illustrate the points being examined.

The need for a publication such as this is long overdue. It will no doubt clarify the need of hydrologists and their value to federal, state, county and city planners, as well as those influential scientific groups that do not have a hydrologist among them.

This reviewer feels that *Modern Hydrology* can not be overlooked as a text in introductory courses of hydrology and has chosen it for use at The Ohio State University.

JAY H. LEHR