

Appendix A References

A-1. Required Publications

These documents define policy and basic methods directly related to hydrologic engineering for flood-damage reduction planning by the Corps of Engineers. They are cited in the text and in this list by number only. All are promulgated by the Headquarters, U.S. Army Corps of Engineers (HQUSACE), Washington, DC.

ER 1105-2-100

Guidance for Conducting Civil Works Planning Studies

ER 1105-2-101

Risk-Based Analysis for Evaluation of Hydrology/Hydraulics, Geotechnical Stability, and Economics in Flood Damage Reduction Studies

ER 1110-2-1450

Hydrologic Frequency Estimates

EM 1110-2-1415

Engineering and Design: Hydrologic Frequency Analysis

EM 1110-2-1416

River Hydraulics

EM 1110-2-1417

Engineering and Design: Flood-runoff Analysis

EM 1110-2-1419

Hydrologic Engineering Requirements for Flood Damage Reduction Studies

A-2. Other Publications

Chow, Maidment, and Mays 1988

Chow, V. T., Maidment, D. R., and Mays, L. W. 1988. *Applied Hydrology*. McGraw-Hill Book Co., New York, NY.

Freeman, Copeland, and Cowan 1996

Freeman, G. E., Copeland, R. R., and Cowan, M. A. 1996. "Uncertainty in Stage-Discharge Relationships." Proceedings, 7th IAHR International Symposium on Stochastic Hydraulics, Mackay, Queensland, Australia, IAHR. (in publication).

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Interagency Advisory Committee on Water Data. 1982. "Guidelines for Determining Flood Flow Frequency." *Bulletin 17B*. U.S. Department of the Interior, U.S. Geological Survey, Office of Water Data Coordination, Reston, VA.

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Kahneman, D., Slovic, P., and Tversky, A., eds. 1982. *Judgment under Uncertainty: Heuristics and Biases*. Cambridge University Press, New York, NY.

Leopold 1994

Leopold, L. B. 1994. *A View of the River*. Harvard University Press, Cambridge, Mass. 298 pages.

McCuen and Snyder 1986

McCuen, R. H., and Snyder, W. M. 1986. *Hydrologic Modeling: Statistical Methods and Applications*. Prentice-Hall, Englewood Cliffs, New Jersey, 568 pages.

Morgan and Henrion 1990

Morgan, G., and Henrion, M. 1990. *Uncertainty, a Guide to Dealing with Uncertainty in Quantitative Risk and Policy Analysis*. Cambridge University Press, New York, NY.

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Rantz, S. E. 1982. "Measurement and Computation of Streamflow, Vol. 1, Measurement of Stage and Discharge." *Water Supply Paper 2175*, U.S. Geological Survey.

USACE 1977

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USACE. 1978b. *Water Resources Study: Metropolitan Chester Creek Basin*. Philadelphia District, Philadelphia, PA.

USACE 1985

USACE. 1985. "HEC-2 Water Surface Profiles, User's Manual," *Computer Program Document 2a*, HEC, Davis, CA 1982 (reprinted May 1985).

USACE 1986

USACE. 1986. "Accuracy of Computed Water Surface Profiles." *Research Document 26*. HEC, Davis, CA.

USACE 1988

USACE. 1988. "National Economic Development Procedures Manual - Urban Flood Damage." Institute for Water Resources, *IWR Report 88-R-2*, Ft. Belvoir, VA.

USACE 1991

USACE. 1991. "HEC-2: Water Surface Profiles, User's Manual." *CPD-2A*. HEC, Davis, CA.

USACE 1992a

USACE. 1992a. "HEC-FFA: Flood Frequency Analysis, User's Manual." *CPD-59*. HEC, Davis, CA.

USACE 1992b

USACE. 1992b. "Guidelines for Risk and Uncertainty Analysis in Water Resource Planning, Volumes I and II." Institute for Water Resources, *IWR Report 92-R-1* and *IWR Report 92-R-2*, Ft. Belvoir, VA.

USGS 1977

USGS. 1977. *National Handbook for Recommended Methods for Water-data Acquisition*. Office of Water Data Coordination, US Geological Survey, Reston, VA.

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USWRC 1983

USWRC. 1983. *Economic and Environmental Principles and Guidelines for Water and Related Land Resources Implementation Studies*. U.S. Government Printing Office, Washington, DC.