

## References

- Anderson, E.A. 'National Weather Service River Forecast System - Snow Accumulation and Ablation Model', *NOAA Technical Memorandum NWS HYDRO-17*, 217 pp., November 1973. (copy available on request from: Hydrology Laboratory, Office of Hydrologic Development, NOAA/National Weather Service, 1325 East-West Highway, Silver Spring, MD 20910)
- Anderson, E.A., 'A Point Energy and Mass Balance Model of a Snow Cover', *NOAA Technical Report NWS 19*, 150 pp., February 1976 (copy available on request from: Hydrology Laboratory, Office of Hydrologic Development, NOAA/National Weather Service, 1325 East-West Highway, Silver Spring, MD 20910)
- Anderson, E.A., and R.K. Farnsworth, 'Use of Potential Evaporation (PE) Data', HRL internal memorandum, February 1981 (copy available on request from: Hydrology Laboratory, Office of Hydrologic Development, NOAA/National Weather Service, 1325 East-West Highway, Silver Spring, MD 20910)
- Burnash, R.J.C., R.L. Ferral, and R.A. McGuire, 'A Generalized Streamflow Simulation System - Conceptual Modeling for Digital Computers', *Technical Report, Joint Federal and State River Forecast Center*, U.S. National Weather Service and California Department of Water Resources, Sacramento, CA, 204 pp., 1973.
- Calder, I.R., 'The Measurement of Water Losses from a Forested Area using a "Natural" Lysimeter', *J. Hydrology*, Vol. 30, pp. 311-325, 1976.
- Carroll, T., D. Cline, G. Fall, A. Nilsson, L. Li, and A. Rost, 'NOHRSC Operations and the Simulation of Snow Cover Properties for the Coterminous U.S.', *Proceedings 69<sup>th</sup> Annual Meeting Western Snow Conference*, Sun Valley, ID, pp. 1-10, April 2001.
- Daly, C., R.P. Neilson, and D.L. Phillips, 'A Statistical-Topographic Model for Mapping Climatological Precipitation over Mountainous Terrain', *J. Applied Meteorology*, Vol. 33, No. 2, pp. 140-158, February 1994.
- Day, G.N., 'A Methodology for Updating a Conceptual Snow Model with Snow Measurements', *NOAA Technical Report NWS 43*, 133 pp., March 1990.
- Doorenbos, J, and W.O. Pruitt, 'Guidelines for Predicting Crop Water Requirements', *Irrigation and Drainage Paper 24*, Food and Agricultural Organization of the United Nations, Rome, 1975.
- Farnsworth, R.K., and E.L. Peck, 'Evaporation Atlas for the Contiguous 48 United States', *NOAA Technical Report NWS 33*, U.S. Department of Commerce, 1982 (copy available on request from: Hydrology Laboratory, Office of Hydrologic Development, NOAA/National Weather Service, 1325 East-West Highway, Silver Spring, MD 20910)
- Farnsworth, R.K., and E.S. Thompson, 'Mean Monthly, Seasonal, and Annual Pan Evaporation f

or the United States', *NOAA Technical Report NWS 34*, U.S. Department of Commerce, 1982 (copy available on request from: Hydrology Laboratory, Office of Hydrologic Development, NOAA/National Weather Service, 1325 East-West Highway, Silver Spring, MD 20910)

Finnerty, B.D., M.B. Smith, D.-J. Seo, V. Koren, and G.E. Moglen, 'Space-Time Scale Sensitivity of the Sacramento Model to Radar-gage Precipitation Inputs', *J. Hydrology*, 203, pp. 21-38, 1997.

Georgakakos, K.P., H. Rajaram, and S.G. Li, 'On Improved Operational Hydrologic Forecasting of Streamflows', *IHR Technical Report No. 325*, Iowa Institute of Hydraulic Research, University of Iowa, 162 pp., 1988.

Gupta, H.V., S. Sorooshian, and P.O. Yapo, 'Towards Improved Calibration of Hydrologic Models: Multiple and Non-commensurable measures of Information', *Water Resources Research*, Vol. 34, pp. 751-763, 1998.

Gupta, H.V., S. Sorooshian, and P.O. Yapo, 'Status of Automatic Calibration for Hydrologic Models: Comparison with Multilevel Expert Calibration', *J. of Hydrologic Engineering*, Vol. 4, No. 2, pp. 135-143, April 1999.

Hamon, R.W., L.L. Weiss, and W.T. Wilson, 'Insolation as an Empirical Function of Daily Sunshine Duration', *Monthly Weather Review*, Vol. 82, No. 6, pp. 141-146, June 1954.

Hogue, T., S. Sorooshian, H.V. Gupta, A. Holz, and D. Braatz, 'A Multistep Automatic Calibration Scheme for River Forecasting Models', *J. Hydrometeorology*, Vol. 1, No. 6, pp. 524-542, December 2000.

Hydrologic Research Center (HRC), Producer, 'Calibration of the Sacramento Soil Moisture Accounting Model, Demonstration of an Interactive Calibration Approach', *NOAA Video Series*, VHS Video (5 hrs and 15 min) and Companion Notebook (200 pp.), National Oceanic and Atmospheric Administration, National Weather Service, May 1999. (copy available on request from: Hydrology Laboratory, Office of Hydrologic Development, NOAA/National Weather Service, 1325 East-West Highway, Silver Spring, MD 20910)

Johnson, D., M. Smith, V.I. Koren, and B. Finnerty, 'Comparing Mean Areal Precipitation Estimates from NEXRAD and Rain Gauge Networks', *J. Hydrologic Engineering*, Vol. 4, No. 2, pp. 117-124, April 1999.

Koren, V., J. Schaake, Q. Duan, M. Smith, and S. Cong, 'PET Upgrades to NWSRFS - Project Plan', HRL internal report, September 1998 (copy available on request from: Hydrology Laboratory, Office of Hydrologic Development, NOAA/National Weather Service, 1325 East-West Highway, Silver Spring, MD 20910)

Koren, V., M. Smith, D. Wang, and Z. Zhang, 'Use of Soil Property Data in the Derivation of Conceptual Rainfall-Runoff Model Parameters', *AMS 15<sup>th</sup> Conference on Hydrology*, Long Beach,

CA, pp. 103-106, January 2000.

Lindsey, S.D., and R.K. Farnsworth, 'Use of Daily Potential Evaporation in the National Weather Service River Forecast System', HRL internal report, May 1992 (copy available on request from: Hydrology Laboratory, Office of Hydrologic Development, NOAA/National Weather Service, 1325 East-West Highway, Silver Spring, MD 20910)

Office of Hydrology, 'Northeast Floods of January 1996', *NOAA Natural Disaster Survey Report*, 99 pp., March 1998. (copy available on request from: Hydrology Laboratory, Office of Hydrologic Development, NOAA/National Weather Service, 1325 East-West Highway, Silver Spring, MD 20910)

Patric, J.H., and P.E. Black, 'Potential Evapotranspiration and Climate in Alaska by Thornthwaite's Classification', *U.S.D.A. Forest Service Research Paper PNW-71*, Institute of Northern Forestry, Juneau, Alaska, 1968.

Peck, E.L., 'The Little Used Third Dimension', *Proceedings 32<sup>nd</sup> Annual Meeting Western Snow Conference*, pp. 33-40, April 1964.

RTi (Riverside Technology Inc.), 'snowupdate', Procedure developed at RTi for the Columbia River Basin, Bonneville Power Administration, 2000.

Seo, D.-L., and J.P. Breidenbach, 'Real-time Correction of Spatially Nonuniform Bias in Radar Rainfall Data using Rain Gage Measurements', *J. Hydrometeorology*, 3, pp. 93-111, 2000.

Seo, D.-J., V. Koren, and N. Cajina, 'Real-time Variational Assimilation of Hydrologic and Hydrometeorological Data into Operational Hydrologic Forecasting', submitted to *J. Hydrometeorology*, 2002.

Smith, M., V. Koren, B. Finnerty, and D. Johnson, 'Distributed Modeling: Phase I Results', *NOAA Technical Report NWS 44*, 250 pp., February 1999. (copy available on request from: Hydrology Laboratory, Office of Hydrologic Development, NOAA/National Weather Service, 1325 East-West Highway, Silver Spring, MD 20910)

Snow Hydrology, Summary Report of the Snow Investigations, North Pacific Division, Corps of Engineers, Portland, Oregon, 437 pp., June 1956.

Straub, T.D., and P.S. Parmar, 'Comparison of Rainfall Records Collected by Different Rain-gage Networks', *Proceedings of the First Federal Interagency Hydrologic Modeling Conference*, Las Vegas, NV, pp. 7.25-7.32, April 1998.

Thompson, E.S., 'Computation of Solar Radiation From Sky Cover', *Water Resources Research*, Vol. 12, No. 5, pp. 859-865, October 1976.

Tollerud, E.I., 'Systematic Gauge Network Errors: Missing and Unreported Observations', *Preprints, 11<sup>th</sup> Symposium on Meteorological Observations and Instrumentation*, Amer. Meteor. Soc., Albuquerque, NM, January 2001.