

Appendix D

List of Wave Information Studies (WIS) Reports

Atlantic, Pacific, and Gulf of Mexico Reports

- Corson, W. D., Resio, D. T., and Vincent, C. L. 1980 (July). "Wave Information Study of U.S. Coastlines; Surface Pressure Field Reconstruction for Wave Hindcasting Purposes, TR HL-80-11, Report 1.
- Corson, W. D., Resio, D. T., Brooks, R. M., Ebersole, B. A., Jensen, R. E., Ragsdale, D. S., and Tracy, B. A. 1981 (January). "Atlantic Coast Hindcast, Deepwater Significant Wave Information," WIS Report 2.
- Corson, W. D., and Resio, D. T. 1981 (May). "Comparisons of Hindcast and Measured Deepwater Significant Wave Heights," WIS Report 3.
- Resio, D. T., Vincent, C. L., and Corson, W. D. 1982 (May). "Objective Specification of Atlantic Ocean Windfields from Historical Data," WIS Report 4.
- Resio, D. T. 1982 (March). "The Estimation of Wind-Wave Generation in a Discrete Spectral Model," WIS Report 5.
- Corson, W. D., Resio, D. T., Brooks, R. M., Ebersole, B. A., Jensen, R. E., Ragsdale, D. S., and Tracy, B. A. 1982 (March). "Atlantic Coast Hindcast Phase II, Significant Wave Information," WIS Report 6.
- Ebersole, B. A. 1982 (April). "Atlantic Coast Water-Level Climate," WIS Report 7.
- Jensen, R. E. 1983 (September). "Methodology for the Calculation of a Shallow Water Wave Climate," WIS Report 8.
- Jensen, R. E. 1983 (January). "Atlantic Coast Hindcast, Shallow-Water Significant Wave Information," WIS Report 9.
- Ragsdale, D. S. 1983 (August). "Sea-State Engineering Analysis System: Users Manual," WIS Report 10.
- Tracy, B. A. 1982 (May). "Theory and Calculation of the Nonlinear Energy Transfer Between Sea Waves in Deep Water," WIS Report 11.
- Resio, D. T., and Tracy, B. A. 1983 (January). "A Numerical Model for Wind-Wave Prediction in Deep Water," WIS Report 12.
- Brooks, R. M., and Corson, W. D. 1984 (September). "Summary of Archived Atlantic Coast Wave Information Study: Pressure, Wind, Wave, and Water Level Data," WIS Report 13.
- Corson, W. D., Abel, C. E., Brooks, R. M., Farrar, P. D., Groves, B. J., Jensen, R. E., Payne, J. B., Ragsdale, D. S., and Tracy, B. A. 1986 (March). "Pacific Coast Hindcast, Deepwater Wave Information," WIS Report 14.
- Corson, W. D., and Tracy, B. A. 1985 (May). "Atlantic Coast Hindcast, Phase II Wave Information: Additional Extremal Estimates," WIS Report 15.
- Corson, W. D., Abel, C. E., Brooks, R. M., Farrar, P. D., Groves, B. J., Payne, J. B., McAneny, D. S., and Tracy, B. A. 1987 (May). "Pacific Coast Hindcast Phase II Wave Information," WIS Report 16.
- Jensen, R. E., Hubertz, J. M., and Payne, J. B. 1989 (March). "Pacific Coast Hindcast, Phase III North Wave Information," WIS Report 17.
- Hubertz, J. M., and Brooks, R. M. 1989 (March). "Gulf of Mexico Hindcast Wave Information," WIS Report 18.
- Able, C. E., Tracy, B. A., Vincent, C. L., and Jensen, R. E. 1989 (April). "Hurricane Hindcast Methodology and Wave Statistics for Atlantic and Gulf Hurricanes from 1956-1975," WIS Report 19.
- Jensen, R. E., Hubertz, J. M., Thompson, E. F., Reinhard, R. D., Borup, B. J., Brandon, W. A., Payne, J. B., Brooks, R. M., and McAneny, D. S. 1992 (December). "Southern California Hindcast Wave Information," WIS Report 20.
- Tracy, B. A., and Hubertz, J. M. 1990 (November). "Hindcast Hurricane Swell for the Coast of Southern California," WIS Report 21.
- Hubertz, J. M., and Brooks, R. M. 1992 (September). "Verification of the Gulf of Mexico Hindcast Wave Information," WIS Report 28.

Great Lakes Reports

Resio, D. T., and Vincent, C. L. 1976 (January). "Design Wave Information for the Great Lakes; Report 1: Lake Erie," TR H-76-1.

Resio, D. T., and Vincent, C. L. 1976 (March). "Design Wave Information for the Great Lakes; Report 2: Lake Ontario," TR H-76-1.

Resio, D. T., and Vincent, C. L. 1976 (June). "Estimation of Winds Over Great Lakes," MP H-76-12.

Resio, D. T., and Vincent, C. L. 1976 (November). "Design Wave Information for the Great Lakes; Report 3: Lake Michigan," TR H-76-1.

Resio, D. T., and Vincent, C. L. 1977 (March). "Seasonal Variations in Great Lakes Design Wave Heights: Lake Erie," MP H-76-21.

Resio, D. T., and Vincent, C. L. 1977 (August). "A Numerical Hindcast Model for Wave Spectra on Water Bodies with Irregular Shoreline Geometry; Report 1, Test of Nondimensional Growth Rates," MP H-77-9.

Resio, D. T., and Vincent, C. L. 1977 (September). "Design Wave Information for the Great Lakes; Report 4, Lake Huron," TR H-76-1.

Resio, D. T., and Vincent, C. L. 1978 (June). "Design Wave Information for the Great Lakes; Report 5, Lake Superior," TR H-76-1.

Resio, D. T., and Vincent, C. L. 1978 (December). "A Numerical Hindcast Model for Wave Spectra on Water

Bodies with Irregular Shoreline Geometry, Model Verification with Observed Wave Data," Report 2, MP H-77-9.

Driver, D. B., Reinhard, R. D., and Hubertz, J. M. 1991 (October). "Hindcast Wave Information for the Great Lakes: Lake Erie," WIS Report 22.

Hubertz, J. M., Driver, D. B., and Reinhard, R. D. 1991 (October). "Hindcast Wave Information for the Great Lakes: Lake Michigan," WIS Report 24.

Reinhard, R. D., Driver, D. B., and Hubertz, J. M. 1991 (December). "Hindcast Wave Information for the Great Lakes: Lake Ontario," WIS Report 25.

Reinhard, R. D., Driver, D. B., and Hubertz, J. M. 1991 (December). "Hindcast Wave Information for the Great Lakes: Lake Huron," WIS Report 26.

Driver, D. B., Reinhard, R. D., and Hubertz, J. M. 1992 (January). "Hindcast Wave Information for the Great Lakes: Lake Superior," WIS Report 23.

General User's Information

Hubertz, J. M. 1992 (June). "User's Guide to the Wave Information Studies (WIS) Wave Model, Version 2.0," WIS Report 27.

NOTE:

All reports listed above were published by and are available from the U.S. Army Engineer Waterways Experiment Station, Coastal Engineering Research Center, 3909 Halls Ferry Road, Vicksburg, MS 39180-6199.