

Applied Weather Associates References

Federal Energy Regulatory Commission

Past head of dam safety

Mr Ron Corso

Senior Project Manager, Water Resources

Mead & Hunt, Inc.

904 Farley Court, S.E.

Vienna, VA 22180-5916

Phone: 703-319-8882

State Climatologist that have reviewed AWA projects

Dr Barry Keim

Southern Regional Climate Center

Department of Geography and Anthropology

260 Howe-Russell Complex

Louisiana State University

Baton Rouge, LA 70803

225/578-6170 cell 328-0749

bkeim@lsu.edu

Mr George Taylor, CCM

Oregon Climate Center

Oregon State Climatologist

Oregon State University

316 Strand Agricultural Hall

Corvallis, OR 97331

541/737-5705

taylor@coas.oregonstate.edu

Dam Owners/Hydrologists

Mr Bill Christman, P.E.

Principle Civil Engineer

System Planning & Design

Public Utility District No. 1 of Chelan County

PO Box 1231

Wenatchee, WA 98807-1231

509/663-8121, Ext 4283

billc@chelanpud.org

Richard J. Tucker, P.E.
RJ ASSOCIATES
171 Prospect Hill Rd.
Waltham, MA 02451
(781) 899-3101
Mr Jay Smith
Tetra Tech, Inc.
1420 5th Avenue, Suite 550
Seattle, WA 98101
206/728-9655 x 111
Jay.Smith@Tetrattech.com

Applied Weather Associates Recently Completed Site-Specific PMP Studies

Site-specific PMP study for the Great Sacandaga Lake Drainage Basin, New York

Completion: September 2003
Client: Reliant Energy Corporation
Project Manager: Jeffrey H. Coffin, P.E.
Sr. Civil Engineer/Hydrologist
Kleinschmidt - Energy & Water Resource Consultants
75 Main St
Pittsfield, ME 04967
207/487-3328 x277

Project Description: Completed a comprehensive site-specific PMP study to include detailed terrain analyses, storm analyses (maximization, transposition, orientation, within-storm rainfall distributions, etc.), and temporal and spatial envelopment. The study was reviewed and accepted by a FERC approved three member board of consultants and subsequently accepted by the FERC. The AWA Storm Precipitation Analysis System (SPAS) software analysis program was used to provide Depth-Area-Duration tables for storms not analyzed in HMRs 51 and 52. Procedures were developed to provide elevation and upwind barrier adjustments for storm transpositioning.

Site-specific PMP study for the Cherry Creek Drainage Basin, Colorado

Completion: August, 2003
Client: Colorado Water Conservation Board
Project Manager: Tom Browning
Colorado Water Conservation Board
Department of Natural Resources
1313 Sherman Street, Room 721
Denver, Co 80203
303/866-4804

Project Description: Completed a comprehensive site-specific PMP study to include detailed terrain analyses, storm analyses (maximization, transposition, orientation, within-storm rainfall distributions, etc.), and temporal and spatial envelopment. Detailed analyses of individual storm isohyetal patterns were completed including transpositioning the individual isohyetal patterns to the Cherry Creek basin. The study was reviewed and accepted by a three member review panel and subsequently accepted by the Colorado Water Conservation Board. Acceptance by the US Army Corps of Engineers is pending.

Site-specific PMP study for the Upper and Middle Dams Drainage Basins, Maine

Completion: March 2002
Client: FPL Energy Maine Hydro, LLC
Project Manager: Mike Pelletier. P.E.
150 Main Street
Lewiston, Me 04240
michael_a_pelletier@fpl.com
207/795-1342 x235

Project Description: Completed a comprehensive site-specific PMP study to include detailed terrain analyses, storm analyses (maximization, transposition, orientation, within-storm rainfall distributions, etc.), and temporal and spatial envelopment. The study was reviewed and accepted by a FERC approved three member board of consultants and subsequently accepted by the FERC. Innovative new procedures using sea surface temperatures and GIS barrier analyses were incorporated into the study.