



# WAA TA

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Caribbean Research Institute

College of the Virgin Islands, St. Thomas, U.S. Virgin Islands 00801

809/774-1252 Ext. 250

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## PRATT RESIGNS

Albert E. Pratt has resigned from his position as Research Associate at the Water Center. While at the Center, Pratt made many significant contributions. Among the reports he produced are: "Problem-Research Analysis in the US Virgin Islands Insular Region, Atlantic Subregion" in February 1978. "The Water Economy of a Low Flush Toilet in a Water Deficient Region" in July 1979. He coauthored "Waterplan-A Comprehensive Water Management Framework for the US Virgin Islands" in June 1979. He also was the editor for the first issues of WAA'TA. The logo of the Center is a creation of his.

We here at the Center would like to thank Pratt for all he did while with us and for the contributions he made to the VI community while in the islands. We extend our best wishes to him for success in all his future endeavors.

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## QUESTIONNAIRE BEING CIRCULATED

As part of the study, "Water Management Under Conditions of Extreme Scarcity: The US Virgin Islands", the Water Center is circulating a questionnaire. The

questionnaire is intended to identify how various sectors of the community value and use fresh water and to determine attitudes toward water conservation. Since the reliability of the results of the questionnaire increases with the number of respondents, we are attempting to get responses from as many people as possible from all sections of the community. If you or a group you are associated with, has not been contacted and wish to assist us by completing questionnaires, or if you have any suggestions, please give us a call at 774-1252 ext. 251 or write to us at the College.

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## SHEPPARD EXPRESSES THANKS

George R. Sheppard recently called us to say he has been receiving many orders for his book Fresh Water From the Sea and What it Means to Me. He is very grateful to those of you that ordered copies. For those of you who do not have copies and wish to, copies are available at a cost of \$11.00 from Mr. Sheppard at P.O. Box 905, Christiansted, St. Croix, US Virgin Islands 00820.

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## POSITION VACANT

The Water Center is accepting appli-

cations for the position of Research Associate in Water Resources. Candidates applying for this position must have a Master's degree and three years of experience as a water resources specialist, economist or planner. A strong technical writing ability is required. The chosen applicant will be assigned to work independently in developing research priorities and the community relation aspects of the Water Resources Research Center's program of the College's Caribbean Research Institute.

The salary for this professional staff position is from \$15,000 to \$18,000 for the administrative year depending on qualifications and experience. Benefits include 21 working days of sick leave. A comprehensive medical plan and TIAA-CREF retirement plan are available.

Resumes or requests for information should be addressed to: Director of the Water Resources Research Center, Caribbean Research Institute, College of the Virgin Islands, St. Thomas, VI 00801.

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#### PROJECT REPORT BEING COMPLETED

A project completion report for the study "Water Resource Appraisal of St. Croix, US Virgin Islands: Ground Water Availability and Quality" is in the process of being completed at the Water Center. The intentions of this study were to investigate geological factors that influence water quality and quantity of selected watersheds, to investigate parameters of groups of chemical constituents to see which are best indicators of the geological environment which influence the ability and quantity of ground water in the USVI. Also intended was an examination of the effects

of seasonal variations on water quality, quantity and chemistry in watersheds under near maritime conditions.

Anyone familiar with the study and wishing to have some input in the final report should contact the Water Center as soon as possible.

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#### WAA'TA STATISTICS

So far our readers have been very responsive to our requests for rainfall data to add to our WAA'TA File. The latest contributions that we have had have come from Mr. Bob Wands of Estate St. Joseph and Rosendahl, St. Thomas, and from Mr. Patrick M. Rice of Solberg, St. Thomas. Mr. Rice's contribution included rainfall data from himself and his correspondents for areas in St. Thomas, Water Island, St. John and St. Croix. We want to thank Mr. Wands, Mr. Rice and all of you that contributed data. We also encourage all of you to contribute whatever you may have, for rainfall data is always useful. Our readers are welcomed to use our WAA 'TA File whenever they need water related statistics.

#### Rainfall (Inches)

	Dec.	Jan.
St. Croix		
A.H. Airport	7.21	1.54
Little Fountain	8.94	1.29
Sprat Hall	5.63	1.12
St. Thomas		
Fort Mylner	4.45	1.54
Dorethea	3.15	1.21
Estate Hope	4.27	0.62
St. John		
Cruz Bay	1.19	0.60
Catherineberg	5.21	0.83

WAPA WATER Production (Gallons)

St. Thomas	20,775,786	24,827,450
St. Croix	28,600,014	47,985,377

In this issue of WAA TA' our feature is a graph of monthly rainfall statistics for 1970-1979 for St. Thomas and St. Croix. The curves (in the adjacent column) are based on data supplied by John A. Yntema for rainfall at Sprat Hall, St. Croix and by Partick M. Rice for rainfall in St. Thomas and St. John. We thank them for their contribution.

PUBLICATION OF INTEREST

"Controlling Land Use for Water management and Urban Growth management A Policy Analysis" by S.I. Schwarte, R. A. Johnston, Jr. Blackmarr and D.E. Hansen is a new publication of the California Water Resources Research Center. In the report eighteen land use control measures are analyzed with indepth examination given to: full-free acquisition, transferable development rights, resource zoning, preferential taxation, betterment taxation and resource zoning combined with preferential taxation. Resource zoning and resource zoning combined with preferential taxation were found to be the most promising.

Copies of this publication, which should be of interest to all interested in land use planning, may be obtained from: Water Resources Research Center, University of California, 2102 Wickson Hall, Davis, CA 95616.

