

From Canaveral National Seashore

Canaveral began its in-house use of an IBM-PC nearly two years ago. A single unit was purchased; this was complemented by two other employee-purchased IBM-PCs. Basic work has been accomplished in word processing, spread sheets and data accumulation, along with electronic mail.

Following are the computer programs, listed by the software or language used, together with the tasks they perform.

Basic Language

A monthly tide table calculated for the Canaveral beaches.

A mailing list to produce mailing labels for various park interest groups.

Word Processing (Word Star)

Draft and finalize Resource Management Plan and Interpretive Prospectus.

Biweekly staff meetings and park in-house newspaper.

VisiCalc

Spread sheet for monthly expenditures and programming for fiscal year.

dBase II

Inventory control on radio communication system.

Personnel data information.

Incident data accumulation for L/E Management decisions.

Profile on vehicle B & Es.

Mosquito quantity and species for pesticide justification.

Data base production for time utilization.

X Talk

Retrieving fire weather forecasts and submission of fire information.

Submission and receiving of information from SERO.

One interesting devised program is the development of a profile for breaking and entering a vehicle. The experiment is beginning to produce factors that indicate the most probable location, time, month, etc. that an incident will take place. All stable conditions were considered for the data, including temperature, day of the week, cloud cover, month, cars in parking lot, holiday, etc. A total of 31 various data elements was entered for each incident. A form was designed for gathering these data as a supplement to the normal reporting requirements, simple and easy to make out. It takes about 30 seconds to enter each sheet of information into the computer. It is hoped that the data will help us select areas and time of patrol to decrease this activity.

Dennis Kuenzel
Canaveral National Seashore
Titusville, FL 32782-6447