

METEOROLOGICAL DATA RESCUE IN RA III

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Argentina

The Meteorological Service is scanning all the registers of data and all the analysis maps, only. These information are being stored in CD ROM

Chile

The program for backup of data of the register in paper does not exist, information that received from the Chileans who are in the INMET, inside of the cooperation agreement that was firmed this year.

Peru

Program for rescue of radiation diagrams, by digitizing, They starts this program a few months ago, and they do not have any idea how much time they need to rescue your data.

Brazil

Process in use in the INMET currently: Digitizing of anemogramas (wind charts).

Name of the computational program: VETORIZADOR OF ANEMOGRAMAS, elaborated for João Inácio Da Silva Son, researcher of the CEPEL.

The program recoups given basic of wind speed from the reading (to scanner) of anemogramas; with the cited program above the user recoups, in the screen of the computer, the picture of the anemograma gotten through scanner, mark in the picture, necessary control points for the vetorização, the program vetoriza a selected stretch of the anemograma. After the conclusion of the vetorização of the anemograma, the program shows to the gotten picture of this overlapping vetorização the previous picture, so that the user can confirm or correct the vetorização. Confirmed the vetorização, the program adds to these new data in the existing database already; other modules of the program calculate "statistical largeness" of wind speed. The use for the INMET we do not have problem and in the Agreement of Cooperation Technique at any moment it says that the program alone must be used by the INMET.

Processing time - For the backup of one year of data of a station it is taken around 1 (one) week; the used archives possess extension MS WINDOWS 3.0 in Bmp.

The INMET already has 31 (thirty and one) stations of the digitizing Northeast Region, for the year of 1997 and 9 (nine) stations of the State of Rio De Janeiro, for the year of 1986.

Digitalização de pluviogramas (rain). The program used for the ANEEL, was developed in Canada in 1979, but later it was customized for use in microcomputer, for the University of

Viçosa; È of fast backup of the data, mainly for maximum rain; for INMET it does not have any restriction, they have interest that the INMET uses.

ANEEL: (Agencia Nacional de Energia Eletrica - Hydrological Service) exists a guided program well, that is being carried through for a private company, that scanned all the existing information, store them in CD-ROM, and the registers in paper follow for a climatized deposit, where is under the guard of the company. After that, the scanning information to be had access form easily. For in such a way it they exist a series of scanners professional capable to copy small registers and great registers. All the documentation rigorously is treated, of form to disinfect and to clean all strange bodies, before becoming electronic registers. INMET: a process will have to be initiated seemed, with the difference that all the documents will be stored in Brasilia and the registers will be converted into information that will be stored in SIM (Information Meteorological System - Data Bank Program of INMET).