
Subject: Time-varying input

Posted by [rfinch](#) on Sat, 20 Feb 1993 22:34:16 GMT

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We are completely redoing the input system to our estuary models. Naturally a large component of the input is data that varies with time. Currently time-varying input is just entered in ascii files, in a more-or-less haphazard way that was created in a piecemeal fashion over many years by different people, often using old batch, punched card formats. Now our models run on Sun workstations and we want the data preparation to be more interactive and intuitive.

So far we know that we will use HECDSS for the storage system for the data (this is a system written by the US Corps of Engineers specifically for time-series, hydrologic data). However, going from user entry of data to putting that data into a database is a long process, and we want to not reinvent the wheel if we can avoid it.

Therefore, we wish to find out how others are handling time-varying input to simulation models, written in Fortran, that run on workstations or high-end PCs. General descriptions of what you are doing would be helpful. Post or email replies as you like.

Note: followups have been directed to comp.misc.

[sorry if this appears twice, out news has really been hosed last couple of weeks]

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Any opinions expressed are my own; they do not represent the DWR
