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 compenent 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