LSTATS

February 2, 2006

1 PURPOSE:
LSTATS computes and outputs the maximum, minimum, mean, and standard deviation (see STATS for definition) for a list of input files. The output can be directed to the user's printer or to a remote printer.

2 EXECUTION:
lstats (or l-lstats)

LSTATS (DATE) (TIME)
LAST UPDATE (DATE)

"DISPLAY OUPUT OPTIONS: TTY, NONE"
"ENTER t,n:" enter choice
- enter 't' or 'n'
DO YOU WANT TO OUPUT STATS TO DISK (Y OR N): 'y' or 'n'

If 'y'

DISK FILENAME: enter statistics output filename

SELECT ONE OF THE FOLLOWING OPTIONS:
1. OUTPUT MAX, MIN, MEAN, STDEV
2. OUTPUT MEAN, STDEV
3. OUTPUT MEAN
4. OUTPUT STDEV
OPTION (1, 2, 3 OR 4): enter option

(Ocean Format File is output automatically at end)
"DO YOU WANT TO REMOVE THE MEAN VALUE FROM EACH SERIES y/n?"

enter 'y' or 'n' SERIES INPUT NAME: enter first input filename
SERIES INPUT NAME: enter second input filename

SERIES INPUT NAME: enter $$ to stop entry

(If output option is TTY then headers and statistics are output to terminal)

If series mean values are to be removed

"DO YOU WANT TO OUTPUT THE MEAN REMOVED SERIES y/n?"
-enter 'y' or 'n'
   If 'y'
"DO YOU WANT A COMMON EXTENSION FOR THE OUTPUT FILES y/n?"
- enter 'y' or 'n'
   If 'y'
"ENTER EXTENSION:" - enter series suffix
- enter series suffix
   If 'n'
"input series name is:" - enter output series filename

(for each input file)

"DO YOU WANT TO STOP y/n?"
- enter 'y' or 'n'

3 OUTPUT:

Statistics are output to either TTY or LPT, no disk output.