IX.6.2-SYSTEM-EMOM3   SUBROUTINE EMOM3

Description
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Subroutine EMOM3 returns the sample mean, standard deviation and skew
for each of the time series being analyzed.

The information is used for the summary table display.

Calling Sequence
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CALL EMOM3 (X,XM,XSD,XSK,NUM,NYRS,IMS)

Argument List
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Argument	Input/ Output	Type	Dimension	Description
X	Input	R*4	12x50	Time series values for each of the time series being analyzed; can store a maximum of 12 time series types and a maximum of 50 years for each time series type
XM	Output	R*4	12	Mean value for each of the time series being analyzed
XSD	Output	R*4	12	Standard deviation for each of the time series being analyzed
XSK	Output	R*4	12	Skew for each of the time series being analyzed
NUM	Input	I*4	1	Indicator for the number of time series to be analyzed
NYRS	Input	I*4	1	Number of years of time series values
IMS	Input	I*4	1	IMS=1 indicates that either: o missing data are contained in the time series o that values 9999 are contained in the time series for output variables 7 and 8; values of 9999 indicate that the specified threshold value was not crossed. For IMS=1 XM, XSD and XSK are returned with values of -999