

COMMON BLOCK XOPT

Purpose

Contains run-time options for the MAP function (does not include MDR options).

Listing

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COMMON /XOPT/ IXTYPE,XNAME(2), IESTPX,ICONV,CNVDIS,CVDISW,NOEST6,  
              IUSER,PPUSER(2), IMOSUM,IMOWTR,IWTEST
```

Size

14 words

Description of variables

<u>Variable</u>	<u>Type</u>	<u>Dim.</u>	<u>Word Pos.</u>	<u>Description</u>
IXTYPE	I	1	1	Type of MAP run = 1, area run = 2, forecast group run = 3, carryover group run = 0, null run.
XNAME	A	2	2	Name of group being run if a forecast or carryover group run.
IESTPX	I	1	4	Procedure used to estimate missing 24-hour precipitation from surrounding stations. = 0, use old NWSRFS procedure (use only quadrants with precipitation reports). = 1, use Tulsa RFC procedure (use all quadrants at all times).
ICONVC	I	1	5	Convective precipitation option = 0, option off = 1, option on.
CNVDIS	R	1	6	Convective distance in miles.
CVDISW	R	1	7	Convective distance in terms of a station weight.

Variable	Type	Dim.	Word Pos.	Description
NOEST6	I	1	8	Estimation of 6-hour precipitation option = 0, estimate missing 6-hour reports from surrounding stations = 1, do not estimate, use only observed 6-hour data for time distribution.
IUSER	I	1	9	Option for using stranger reports to estimate missing point values = 0, do not use = 1, use.
PPUSER	A	2	10	User name from USER parameter type record.
IMOSUM	I	1	12	Initial month of summer from USER parameter type record.
IMOWTR	I	1	13	Initial month of winter from USER parameter type record.
IWTEST	I	1	14	Control for writing estimated daily totals to the Preprocessor Data Base (PPDB) = 0, don't write estimated values to the PPDB = 1, write estimated daily values to the PPDB.