VI.5.3C-FMAP-ERROR PROGRAM FCST FUNCTION FMAP ERROR AND WARNING MESSAGES

The following are error and warning messages printed by Function MAPE:

Errors:

1. **ERROR** A COMMAND CARD WAS ENCOUNTERED WITHOUT ASSOCIATED IDENTIFIER CARDS. CARD SKIPPED.

   Action: Add appropriate associated identifier cards or remove the command card.

2. **ERROR** DATA ENTERED FOR THE 24 HOUR PERIOD ENDING mm/dd/yyyy-hh tzc IS NOT ENTIRELY WITHIN THE FUTURE PERIOD. CARD SKIPPED.

   Action: Input only dates after the last observed day and before the last future data day in the run period.

3. **ERROR** DATA ENTERED FOR THE 6 HOUR PERIOD ENDING mm/dd/yyyy-hh tzc IS NOT WITHIN THE FUTURE PERIOD. CARD SKIPPED.

   Action: Input only periods after the last observed day and before the last future data day in the run period.

4. **ERROR** nnnnnn IS NOT A VALID COMPUTATIONAL ORDER NUMBER. THE IDENTIFIER. CARD SKIPPED.

   Action: Enter only computational order numbers between 1 and the last computational order number assigned. A numbered computational order list can be obtained using the PPINIT DUMP ORDER command.

5. **ERROR** THE COMPUTATIONAL ORDER NUMBER nnnnnn IS GREATER THAN COMPUTATIONAL ORDER NUMBER nnnnnn. CARD SKIPPED.

   Action: Check that the first computational order number in a range is smaller than the second.

6. **ERROR** THE AREA xxxxxxx IS NOT A VALID FMAP IDENTIFIER. CARD SKIPPED.

   Action: Enter only FMAP area identifiers previously defined as valid identifiers. A list of defined FMAP identifiers can be obtained using the PPINIT DUMP ORDER command.

7. **ERROR** THE FMAP AREA xxxxxxxx OCCURS BEFORE THE FMAP AREA xxxxxxxx IN THE COMPUTATIONAL ORDER SEQUENCE. CARD SKIPPED.

   Action: Check that the first FMAP area identifier in a range occurs before the second on the computational order list. A computational order list can be obtained using the PPINIT DUMP ORDER command.
8. **ERROR** MORE THAN nnnn MOD CARDS WERE FOUND. ONLY THE FIRST nnnn CARDS WILL BE PROCESSED.

   Action: Change the number of MOD cards input.

9. **ERROR** AN ASTERISK CANNOT BE USED AS A DATE FOR FUTURE MAP MODS.

   Action: Dates must be entered explicitly. The proper date format is described in Section VI.5.2B.

10. **ERROR** INVALID DATE FIELD FOUND. CARD SKIPPED.

    Action: Input a future date for all MODS using the proper date format described in Section VI.5.2B.

11. **ERROR** THE DATE IN FIELD nn DOES NOT END AT THE LAST HOUR OF THE HYDROLOGIC DAY. CARD SKIPPED.

    Action: All dates input for 24 hour data should end at the last hour of the day.

12. **ERROR** AN IDENTIFIER CARD WAS ENCOUNTERED BEFORE A VALID FMAP6 CARD WAS PROCESSED. CARD SKIPPED.

    Action: Correct any invalid .FMAP6 cards or look for an identifier card that is not proceeded by a .FMAP6 MOD card.

13. **ERROR** AN IDENTIFIER CARD WAS ENCOUNTERED BEFORE A VALID FMAP24 CARD WAS PROCESSED. CARD SKIPPED.

    Action: Correct any invalid .FMAP24 cards or look for an identifier card that is not preceded by an .FMAP24 MOD card.

14. **ERROR** THE IDENTIFIER IN FIELD nn HAS MORE THAN nn CHARACTERS. CARD SKIPPED.

    Action: Change the identifier to be less or equal the maximum number of characters.

Warnings:

1. **WARNING** THE RUN PERIOD SPECIFIED IS LONGER THAN THE NUMBER OF DAYS AVAILABLE IN THE PROCESSED DATA BASE FOR FUTURE MAP. SPACE IS AVAILABLE FOR nnnn DAYS. REMAINING DAYS TRUNCATED.

   Action: Input no more than the number of days of space available in the processed data base for future MAP time series.

2. **WARNING** NO FIELDS ENCOUNTERED ON A MOD CARD. CARD SKIPPED.

   Action: Check input for a blank card.

3. **WARNING** AN UNEXPECTED DATA FIELD WAS ENCOUNTERED ON A
FMAP24 MOD CARD WHERE A TIME DISTRIBUTION WAS EXPECTED. AN EQUAL DISTRIBUTION WAS ASSUMED.

Action: See Section VI.5.3C-FMAP-MOD-1 for the proper format for inputting FMAP24 MODS.

4. **WARNING** MORE THAN 4 TIME DISTRIBUTION VALUES WERE ENCOUNTERED. ONLY THE 4 FOUR WILL BE USED.

Action: Only 4 time distribution values should be input for 24 hour data.

5. **WARNING** THE FIELD nn CONTAINS AN INVALID CHARACTER FOR A TIME DISTRIBUTION FIELD. AN EQUAL DISTRIBUTION IS ASSUMED.

Action: See Section VI.5.3C-FMAP-MOD for the proper form for FMAP24 MODs.

6. **WARNING** THE PRECIP IN FIELD nn CONTAINS AN INVALID CHARACTER. THE PRECIP AMOUNT HAS BEEN SET TO ZERO.

Action: Check the input precipitation values for non-numeric characters.

7. **WARNING** A DATA FIELD WAS ENCOUNTERED AFTER A FUTURE PRECIP AMOUNT THAT DID NOT CONTAIN A SLASH. THE TIME DISTRIBUTION HAS BEEN SET TO EQUAL.

Action: Be sure that a slash followed by a blank precedes all time distributions.

8. **WARNING** INPUT DATE IN FIELD nn DOES NOT END ON A SIX HOUR PERIOD. THE DATE HAS BEEN RESET TO THE END OF THE PRECEDING SIX HOUR PERIOD.

Action: All dates input for 6 hour data should end at the end of a six hour period.

9. **WARNING** INPUT DATE IN FIELD nn DOES NOT END ON A SIX HOUR PERIOD. THE DATE HAS BEEN RESET TO THE END OF THE NEXT SIX HOUR PERIOD.

Action: All dates input for 6 hours data should end at the end of a six hour period.

10. **WARNING** UNEXPECTED FIELDS ENCOUNTERED ON AN FMAP6 MOD. EXTRA FIELDS IGNORED.

Action: Check FMAP6 cards for invalid or extraneous fields.

11. **WARNING** THE FMAP FUNCTION CAN ONLY PROCESS A MAXIMUM OF 31 DAYS. REMAINING DAYS TRUNCATED.

Action: Input only 31 or fewer days of FMAP data per run.