

IX.4.7B-PROD FFG PARAMETER TYPE PROD

Purpose

Parameter array type PROD contains parameters used to create products.

Array Contents

| <u>Starting Position</u> | <u>Dimension</u> | <u>Type</u> | <u>Input/Generated</u> | <u>Description</u>                         |
|--------------------------|------------------|-------------|------------------------|--|
| 1                        | 1                | I*4         | G                      | Parameter array version number             |
| 2                        | 1                | C*8         | I                      | Identifier for product                     |
| 4                        | 1                | C*4         | G                      | Array type code ('prod')                   |
| 5                        | 1                | I*4         | G                      | Number of words required for parameters    |
| 6                        | 1                | C*4         | I                      | Product type code (format)                 |
| 7                        | 1                | C*12        | I                      | Product identifier                         |
| 10                       | 1                | C*4         | I                      | Communications circuit designator          |
| 11                       | 1                | C*4         | I                      | Time zone designator for product           |
| 12                       | 1                | C*8         | I                      | WMO header                                 |
| 14                       | 1                | C*4         | I                      | Sending office                             |
| 15                       | 1                | C*4         | I                      | Default type code for location identifiers |
| 16                       | 1                | I*4         | I                      | Duration flag                              |

When field 15 is defined as 'GRID' use the following fields:

|    |   |     |   |  |
|----|---|-----|---|--|
| 17 | 1 | I*4 | I | Western most HRAP column to include in product |
| 18 | 1 | I*4 | I | Number of HRAP columns to include in product   |
| 19 | 1 | I*4 | I | Southern most HRAP row to include in product   |
| 20 | 1 | I*4 | I | Number of rows to include in product           |

| <u>Starting Position</u> | <u>Dimension</u> | <u>Type</u> | <u>Input/Generated</u> | <u>Description</u> |
|--------------------------|------------------|-------------|------------------------|--------------------|
| 21                       | 12               | R*4         | G                      | Unused <u>1</u> /  |

When field 15 is defined other than 'GRID', use the following fields:

|    |   |     |   |  |
|----|---|-----|---|--|
| 17 | 1 | I*4 | I | Description flag   |
| 18 | 1 | I*4 | I | Stream name flag   |
| 19 | 1 | I*4 | G | Location in parameter array of number of identifiers in this product |
| 20 | 3 | R*4 | G | Unused <u>1</u> /  |
| 23 | 1 | I*4 | G | Number of identifiers for headwaters or areas (NOID)                 |

The following items are repeated NOID times. 2/

|    |   |     |   |   |
|----|---|-----|---|---|
| 24 | 1 | A*8 | I | Location identifier                           |
| 26 | 1 | A*4 | I | Type code associated with location identifier |

Notes:

1/ Initialized to -999.0.

2/ Starting location is only for the first set of values.