

VI.3.6C-INFILE-PROD FFGS FILE FORMAT FOR PRODUCT PARAMETERS

This input file format is used to define products.

Input Data

<u>Record</u>	<u>Field</u>	<u>Variable</u>	<u>Format</u>	<u>Columns</u>	<u>Description</u>
1	1	TYPE	A4	1-4	'PROD' or 'prod'
	2	PRODID	A8	6-13	Product identifier <u>1</u> /
	3	PFORM	A4	15-18	Product format: 'SHEF' = ASCII format 'GRIB' = GRIB format
	4	DFTYPE	A4	20-23	Default type code (AFFG, GFFG, HFFG or CARY) for the identifiers in record 3 except for GRID when record 3 is not used
	5	PID	2A4,A1	25-33	AFOS identifier for product
	6	CCT	A3	35-37	Communication circuit designator <u>2</u> /
	7	WMO	A4,A2	39-44	WMO header <u>3</u> /
	8	SENOF	A4	46-49	Sending office
	9	TZONE	A1	51	Time zone designator for product
	10	JDUR	I2	55-56	Longest duration (6, 12, or 24 hours)
	11	JDES	I1	60	For 'AFFG' or 'HFFG' in field 4: 0 = no description 1 = include description For 'GFFG' in field 4: 0 = separate file for each duration 1 = concatenate all durations into a single bulletin For 'CARY' in field 4: 0 = no snow carryover 1 = include snow

<u>Record</u>	<u>Field</u>	<u>Variable</u>	<u>Format</u>	<u>Columns</u>	<u>Description</u>
	12	JSTR	I1	64	Stream name flag: 0 = no stream name 1 = include stream name

Record 2a is used only when field 4 on record 1 contains 'GFFG'.

2a	1	LWCOL	I4	5-8	Local western most HRAP column
	2	LNCOL	I4	9-12	Local number HRAP columns
	3	LSROW	I4	13-16	Local southern most HRAP row
	4	LNROW	I4	17-20	Local number of HRAP rows

Record 2b is used when field 4 on record 1 does not contain 'GFFG'.

2b	1-15	ALIDTY	5(1X,A8, 1X,A4)	4-67	Alternating identifier and type code pairs for each location in product - 'ENDID' ends list <u>4</u>
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Repeat record type 2b as needed up to 40 times.

The following pseudo-identifier is reserved for use in 'PROD' definition:

<u>Identifier</u>	<u>Special Function</u>
SKIPLINE	Blank line

Notes:

- 1/ For GRIB products the output filename is the duration appended to the identifier to the identifier should be a maximum of 6 characters.
- 2/ For AFOS the designator represents the regional circuits.
- 3/ For product transfer to AFOS from punch stream use 'TTAAOO'.
- 4/ Location identifiers must be unique and consist of 3 to 8 alphanumeric characters. Identifiers can represent an actual location or a pseudo location that identifies lines of text or special functions. Each identifier must be defined by a record type 'TEXT', 'GRID', 'HFFG', 'AFFG' or be a special function pseudo-identifier, 'SKIPLINE', 'ENDTEXT' or 'ENDID'. Pseudo-location identifiers do not appear in the product.

Sample Input

The following input would be used to define an area product:

```

                    - Column -
      5   10   15   20   25   30   35   40   45   50   55   60   65   70   75   80
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
prod FFGTS3   SHEF AFFF HRLFFGTS3 CES FOUS71 KHRL E   24   1   0
      FFGHD   TEXT
      MACNTY  AFFF NYCNTY   AFFF INCNTY   AFFF
      MDCNTY1 AFFF MDCNTY2 AFFF VACNTY   AFFF
      SCCNTY  AFFF ARCNTY   AFFF COCNTY   AFFF
      ENDID
```

The following input would be used to define a headwater product:

```

      5   10   15   20   25   30   35   40   45   50   55   60   65   70   75   80
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
prod FFHTS1   SHEF HFFG HRLFFHTS1 CES FOUS71 KHRL E   24   1   1
      FFHHD   TEXT
      ELRNE   HFFG FTWNE   HFFG
      FDKSE   HFFG REMSE   HFFG PORSE   HFFG
      DRGSLWR HFFG FSMSW   HFFG SPESW   HFFG
      ENDID
```

The following input would be used to define gridded products:

```

      5   10   15   20   25   30   35   40   45   50   55   60   65   70   75   80
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
prod FFGBIN   GRIB GFFG WBCFFGBIN E   ZEGZ98 KHRL E   6   0   0
      0   0   0   0
prod FFGBINT  GRIB GFFG WBCFFGBIN non ZEGZ98 KWBC E   6   0   0
      320 50 440 53
```