

IX.4.7B-GDPM FFG PARAMETER TYPE GDPM

Purpose

Parameter array type GDPM contains parameters by geo-boundary identifiers used to adjust runoff values.

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 | Geo-boundary identifier |
| 4 | 1 | C*4 | I | Parameter array type code ('gdpm') |
| 5 | 1 | R*4 | G | Number of words in parameter array |
| 6 | 2 | R*4 | G | Unused <u>1</u> / |
| 8 | 1 | I*4 | G | Location of high flow adjust parameters (LQAG) |
| 9 | 1 | I*4 | G | Location of runoff adjust parameters (LRAG) |
| 10 | 1 | I*4 | G | Location of overbank parameters (LOB) |
| 11 | 5 | R*4 | G | Unused <u>1</u> / |
| LQAG | 1 | I*4 | I | High flow adjust option: 0 = no adjust 1 = forecast flow at hours entered 2 = highest forecast flow over next hours entered 3 = highest forecast flow in time series |
| LQAG+1 | 1 | R*4 | I | Time to adjust flow for 1 hour duration |
| LQAG+2 | 1 | R*4 | I | Time to adjust flow for 3 hour duration |
| LQAG+3 | 1 | R*4 | I | Time to adjust flow for 6 hour duration |

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|--------------------------|------------------|-------------|------------------------|---|
| LQAG+4 | 1 | R*4 | I | Time to adjust flow for 12 hour duration |
| LQAG+5 | 1 | R*4 | I | Time to adjust flow for 24 hour duration |
| LQAG+6 | 1 | C*8 | I | Identifier of forecast flows time series |
| LQAG+8 | 1 | A*4 | I | Data type code of forecast flows time series |
| LQAG+9 | 1 | I*4 | I | Time interval of forecast flows time series |
| LRAG | 1 | I*4 | I | Runoff adjust option: 0 = no adjust 1 = adjust runoff 2 = use value as flash flood guidance (ffg) 3 = use runoff as ffg |
| LRAG+1 | 1 | R*4 | I | Value for 1 hour duration |
| LRAG+2 | 1 | R*4 | I | Value for 3 hour duration |
| LRAG+3 | 1 | R*4 | I | Value for 6 hour duration |
| LRAG+4 | 1 | R*4 | I | Value for 12 hour duration |
| LRAG+5 | 1 | R*4 | I | Value for 24 hour duration |
| LOB | 1 | R*4 | I | Overbank factor |

Note:

1/ Initialized to -999.0.