

IX.7.1B-SYSTEM-CALCP SUBROUTINE CALCP

Description

Subroutine CALCP calculates precipitation from a rainfall-runoff curve generated by the Operation Forecast System Flash Flood Guidance Operation [[Hyperlink](#)] in given the threshold runoff for a duration.

Calling Sequence

```
call calcp (jdur,arry,nfill,tro,ffg)
```

Argument List

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
jdur	Input	I*4	1	Duration: 1 = 1-hour 2 = 3-hour 3 = 6-hour 4 = 12-hour 5 = 24-hour
arry	Input	R*4	nfill	Array containing rainfall-runoff curves for all desired durations
nfill	Input	I*4	1	Number of words in array arry
tro	Input	R*4	1	Threshold runoff
ffg	Output	R*4	1	Computed flash flood guidance