

IX.7.1C-SYSTEM-HWPARM FFGS COMMON BLOCK HWPARM

Purpose

Common block HWPARM contains one headwater definition.

Listing

```
common /hwparm/ hvers,hdid(2),hdwtyp,iuseh,desc(5),strnam(5),
               rcid(2),hlat,hlon,hlath,hlonh,fsflow,upk(5),
               nhdur,pcimpv,iqopth,iropth,lhffg,lqadj,lradj,
               loar,lhcpd,hffg(5),taq(5),qtsid(2),dtcq,intq,
               hinten(5),nars,wt(16),arid(2,16)
character*4 hdid,hdwtyp,desc,strnam,rcid,qtsid,dtcq,arid
```

Variable Description

<u>Variable</u>	<u>Type</u>	<u>Dimension</u>	<u>Word Position</u>	<u>Description</u>
hvers	R*4	1	1	Version number of defined parameters
hdid	C*4	2	2	Identifier for headwater
hdwtyp	C*4	1	4	Type code for headwater parameters
iuseh	I*4	1	5	Number of words used to define headwater parameters
desc	C*4	5	6	Headwater name
strnam	C*4	5	11	Stream name
rcid	C*4	2	16	Identifier for Rating Curve parameters
hlat	R*4	1	18	Latitude of centroid of headwater
hlon	R*4	1	19	Longitude of centroid of headwater
hlath	R*4	1	20	Half height of headwater in latitude
hlonh	R*4	1	21	Half width of headwater in longitude
fsflow	R*4	1	22	Flow at flood stage

<u>Variable</u>	<u>Type</u>	<u>Dimension</u>	<u>Word Position</u>	<u>Description</u>
nhdur	I*4	1	28	Number of durations
pcimpv	R*4	1	29	Percent impervious area
iqopth	I*4	1	30	Forecast flow adjust option
iropth	I*4	1	31	Grid runoff adjust option
lhffg	I*4	1	32	Location of output flash flood guidance values in parameter array
lqadj	I*4	1	33	Location of forecast flow adjustment in parameter array
lradj	I*4	1	34	Location of grid runoff adjust in parameter array
loar	I*4	1	35	Location of number of areas used to compute guidance for the headwater
lhcpd	I*4	1	36	Date and time, LSTCMPDY, of computed values (Julian hours since 00Z on 01/01/1900)
hffg	R*4	5	37	Flash flood guidance for 5 durations
taq	R*4	5	42	Adjustment times
qtsid	C*4	2	47	Identifier for forecast flow time series
dtcq	C*4	1	49	Forecast flow time series data type code
intq	I*4	1	50	Forecast flow time series time interval
hinten	R*4	5	51	Intensity factors for each duration
nars	I*4	1	56	Number of weighted areas
wt	R*4	16	57	Weights for identifiers in arid
arid	C*4	(2,16)	73	Identifiers of areas comprising the headwater