

IX.3.3C-SYSTEM-FCOAPI COMMON BLOCK FCOAPI

Purpose

Common block FCOAPI contains changes to Continuous API state variables input through MODs [\[Hyperlink\]](#).

Only values applicable to the Operation being executed and the current run period are stored.

Listing

COMMON /FCOAPI/ NACV,JHAPI(10),APICO(4,10),BFX(10),FGCO(2,10)

Description of Variables

<u>Variable</u>	<u>Type</u>	<u>Dimension</u>	<u>Word Position</u>	<u>Description</u>
NACV	I*4	1	1	Number of MOD values
JHAPI	I*4	10	2	Julian hour of each MOD value; internal clock
APICO	R*4	(4,10)	12	State variables for Operation API-CONT [Hyperlink] for each set of MOD values (less than zero indicates missing value): 1. API (units of IN) 2. SMI (units of IN) 3. BFSC (units of IN) 4. BFI (units of IN)
BFX	R*4	10	52	Baseflow multiplication factor: <0 = missing
FGCO	R*4	(2,10)	62	Frozen ground state variables for Operation API-CONT [Hyperlink] for each set of MOD values (less than -450 for FI and less than 0.0 for FEI indicates missing): 1. FI (units of DEGF) 2. FEI ($\geq 0, \leq 1$)