

VIII.3.3-GLACIER GLACIER ROUTING OPERATION

Identifier: GLACIER

Operation Number: 56

Developed By: Alaska River Forecast Center

Parameter Array: The FORTRAN identifier used for the parameter array is PO. The contents of the PO array are:

<u>Position</u>	<u>Contents</u>
1	Operation version number
2-3	Identifier of rain+melt time series
4	Data type code of rain+melt time series
5-6	Identifier of glacier runoff time series
7	Data type code of glacier runoff series
8	Data time interval of rain+melt time series (units of HR)
9	Glacial routing parameter #1
10	Glacial routing parameter #2 (time-1)
11	AFI decay parameter
12	Minimum glacial outflow coefficient (time-1)
13	Maximum glacial outflow coefficient (time-1)
14-15	Identifier of Antecedent Flow Index Function output time series
16	Data type code of Antecedent Flow Index Function time series

Carryover Array: The FORTRAN identifier used for the carryover array for this Operation is CO. The contents of the CO array are:

<u>Position</u>	<u>Contents</u>
1	Initial glacial storage (MM)
2	Initial antecedent flow index (MM time-1)

Subroutines Names and Functions: Subroutines associated with this Operation are:

<u>Subroutine</u>	<u>Function</u>
PIN56	Input cards, makes checks and stores values in PO and CO arrays
PRP56	Print parametric data
PRC56	Print carryover data
COX56	Perform carryover transfer
EX56	Execute the Operation
PUC56	Output card image that can be read by PIN56

Subroutine PIN56, PRP56, PRC56 and COX56 have standard argument lists.
Subroutine PRC56 only has the CO array as an argument.